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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,308,001
2,880,827
2,936,707

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,308,001
2,880,827
2,936,707

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 31, 2018 contains applications open to public inspection from July 15, 2018 to July 21, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 31 juillet 2018 contient les demandes disponibles au public pour consultation pour la période du 15 juillet 2018 au 21 juillet 2018.

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[54] **UTILISATION D'UN POLYPEPTIDE INHIBITEUR GASTRIQUE (PIG) POUR LE TRAITEMENT DE TROUBLES ASSOCIES A UN DYSFONCTIONNEMENT DE LA TRANSMISSION SYNAPTIQUE**
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[54] **ENSEMBLE D'ACCOUPLEMENT TELESCOPIQUE A L'EPREUVE DE L'HUMIDITE POUR TUBES METALLIQUES AVEC MISE A LA TERRE, ETANCHEITE ET CONTINUITE AMELIOREES**
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[54] **DISPOSITIF MOBILE DE COMMUNICATIONS SANS FIL COMPORTANT UN CLAVIER SUSCEPTIBLE DE REDUIRE LES TAUX D'ABSORPTION SPECIFIQUES ET PROCEDES CONNEXES**
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[54] **COMBINATIONS AND METHODS FOR SUBCUTANEOUS ADMINISTRATION OF IMMUNE GLOBULIN AND HYALURONIDASE**
[54] **COMBINAISONS ET PROCEDES POUR L'ADMINISTRATION SOUS-CUTANEE DE GAMMAGLOBULINE ET D'HYALURONIDASE**
[72] SCHIFF, RICHARD, US
[72] LEIBL, HEINZ, AT
[72] FROST, GREGORY I., US
[73] BAXALTA GMBH, CH
[73] BAXALTA INCORPORATED, US
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[54] **A PIPE SYSTEM, A FLUID SENSING SYSTEM FOR A PIPE SYSTEM, AND A METHOD OF DETERMINING A FLUID COMPONENT IN AN ANNULUS CAVITY OF A PIPE**
[54] **SYSTEME DE TUYAUTERIE, SYSTEME DE DETECTION DE FLUIDE POUR UN SYSTEME DE TUYAUTERIE ET PROCEDE DE DETERMINATION D'UN COMPOSANT DE FLUIDE DANS UNE CAVITE ANNULAIRE D'UN TUYAU**
[72] KRISTIANSEN, MIKAEL, DK
[72] WEPPENAAR, NICKY, DK
[73] NATIONAL OILWELL VARCO DENMARK I/S, DK
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[54] **SYSTEME DE GESTION DE BATTERIE**
[72] TRIGIANI, ANTONIO, US
[73] TRIGIANI, ANTONIO, US
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[54] **SYSTEM AND METHOD OF MAKING MASONRY BLOCKS**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE BLOCS DE MACONNERIE**
[72] NESS, JOHN T., US
[72] NESS, JEFFREY A., US
[73] NESS INVENTIONS, INC., US
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[54] **IMPROVED METHODS AND COMPOSITIONS FOR F-19 LABELING OF PROTEINS, PEPTIDES AND OTHER MOLECULES**
[54] **METHODES ET COMPOSITIONS AMELIOREES DE MARQUAGE DE MOLECULES F-19 DE PROTEINES, PEPTIDES ET AUTRES MOLECULES**
[72] MCBRIDE, WILLIAM J., US
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[73] IMMUNOMEDICS, INC., US
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[54] **POLYPEPTIDES FACTEUR VII MODIFIES ET LEURS UTILISATIONS**
[72] MADISON, EDWIN L., US
[72] THANOS, CHRISTOPHER, US
[73] CATALYST BIOSCIENCES, INC., US
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[54] **SYSTEME DE FREINAGE MUNI D'UN MOYEN D'ABSORPTION DE LA DILATATION, GENERATRICE ET EOLIENNE**
[72] LIND, SOEREN OEMANN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PYRIMIDINONES AND PYRIMIDINES DERIVATES AS ANT-LIGANDS MOLECULES AND BIOLOGICAL APPLICATIONS**
[54] **DERIVES DE PYRIMIDINONES ET DE PYRIMIDINES COMME MOLECULES ANT-LIGANDS ET APPLICATIONS BIOLOGIQUES**
[72] BORGNE-SANCHEZ, ANNIE, FR
[72] JACOTOT, ETIENNE, FR
[72] BRENNER, CATHERINE, FR
[73] MITOLOGICS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) ETABLISSEMENT PUBLIC NATIONAL A CARACTERE SCIENTIFIQUE ET TECHNOLOGIQUE (EPST), FR
[73] UNIVERSITE VERSAILLES SAINT-QUENTIN-YVELINES (UVSQ), FR
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[54] **GRAPE SEED EXTRACT AND USE THEREOF FOR TREATING A NEURODEGENERATIVE DISEASE**
[54] **EXTRAIT DE PEPIN DE RAISIN ET UTILISATION DE CE DERNIER POUR TRAITER UNE MALADIE NEURODEGENERATIVE**
[72] PASINETTI, GIULIO MARIA, US
[72] HO, LAP, US
[72] WANG, JUN, US
[73] MOUNT SINAI SCHOOL OF MEDICINE, US
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[54] **TOPICAL DENTAL SOLUTION OF CHLORHEXIDINE IN SUMATRA BENZOIN BP/EP AND METHODS OF MANUFACTURING AND EVALUATING SAME FOR COMPLIANCE WITH INTERNATIONAL REGULATORY SPECIFICATIONS**
[54] **SOLUTION DENTAIRE TOPIQUE DE CHLORHEXIDINE DANS DU BENJOIN BP/EP ET PROCEDES DE FABRICATION ET D'EVALUATION DE CELLE-CI POUR RESPECTER LES SPECIFICATIONS REGLEMENTAIRES INTERNATIONALES**
[72] PERRY, OLIVER ROSS, CA
[72] TURGEON, BRENDA, CA
[72] SYMINGTON, JOHN M., CA
[73] CHX TECHNOLOGIES, INC., CA
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[54] **METHOD AND COMMUNICATION SYSTEM FOR PROVIDING A CONTEXT-BASED COMMUNICATION SERVICE**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION POUR FOURNIR UN SERVICE DE COMMUNICATION BASE SUR LE CONTEXTE**
[72] FRA', CRISTINA, IT
[72] VALLA, MASSIMO, IT
[73] TELECOM ITALIA S.P.A., IT
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[54] **COMPOSITIONS COMPRISING LACTOBACILLUS CASEI FOR IMPROVING RESISTANCE TO COMMON INFECTIOUS DISEASES**
[54] **COMPOSITIONS COMPORTANT DES LACTOBACILLUS CASEI POUR AMELIORER LA RESISTANCE A DES MALADIES INFECTIEUSES COURANTES**
[72] GUILLEMARD, ERIC, FR
[72] FLAVIGNY, LAURE, FR
[72] TANGUY, JEROME, FR
[73] COMPAGNIE GERVAIS DANONE, FR
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[54] **METHODS AND SYSTEMS FOR MAGNETICALLY RESONATING BOTH A SUBJECT AND A SUBSTANCE ADMINISTERED TO THE SUBJECT**
[54] **PROCEDES ET SYSTEMES POUR PRODUIRE LA RESONANCE MAGNETIQUE D'UN SUJET ET D'UNE SUBSTANCE ADMINISTREE AU SUJET**
[72] JACOBSON, JERRY I., US
[72] BRASWELL, ALLEN, JR., US
[72] ROSE, CHRISTOPHER M., US
[72] PETROW, WILLIAM, US
[72] CRONIN, JOHN, US
[73] APPLIED MAGNETICS, LLC, US
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[54] **TREATING INFLAMMATORY CONDITIONS**
[54] **TRAITEMENT D'ETATS INFLAMMATOIRES**
[72] WINQVIST, OLA, SE
[72] COTTON, GRAHAM, GB
[73] TLA TARGETED IMMUNOTHERAPIES AB, SE
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[25] EN
[54] **PLANTS AND SEEDS OF SPRING CANOLA VARIETY SCV695971**
[54] **PLANTES ET GRAINES DE LA VARIETE DE CANOLA DE PRINTEMPS SCV695971**
[72] WU, CHUNREN, CA
[72] LIU, JUN, CA
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **PRISM TRIPOD**
[54] **TREPIED DE PRISME**
[72] CLARKE, GERRY, CA
[73] CLARKE, GERRY, CA
[86] (2737719)
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[25] FR
[54] **IMPROVED PROCESS FOR SELECTIVE REDUCTION OF BENZENE AND OF LIGHT UNSATURATED COMPOUNDS IN DIFFERENT SECTIONS OF HYDROCARBONS**
[54] **PROCEDE AMELIORE DE REDUCTION SELECTIVE DE LA TENEUR EN BENZENE ET EN COMPOSES INSATURES LEGERS DE DIFFERENTES COUPES HYDROCARBURES**
[72] NOCCA, JEAN-LUC, US
[72] DEBUISSCHERT, QUENTIN, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **METHOD FOR PRODUCING A CHEMICAL PRODUCT AND CONTINUOUS FERMENTATION APPARATUS**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE CHIMIQUE ET SYSTEME DE CULTURE EN CONTINU**
[72] MIMITSUKA, TAKASHI, JP
[72] ISHII, KENTARO, JP
[72] MORITA, KEN, JP
[72] HIGASA, MASASHI, JP
[72] SAWAI, KENJI, JP
[72] SAWAI, HIDEKI, JP
[72] YAMADA, KATSUSHIGE, JP
[72] MINEGISHI, SHINICHI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **SEDIMENT AND DETENTION BASIN DRAINAGE SYSTEM**
[54] **SYSTEME DE DRAINAGE DE BASSIN DE RETENTION ET DE SEDIMENTS**
[72] TYNER, JOHN, US
[72] YODER, DANIEL C., US
[72] PILON, BRENT, US
[73] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
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[54] **FLEXIBLE TUBULAR PACKAGE FOR EDIBLE PRODUCT**
[54] **CONDITIONNEMENT TUBULAIRE SOUPLE POUR PRODUIT COMESTIBLE**
[72] WEGNER, KENNETH E., US
[72] RICHARDS, ANTHONY SIMON, US
[72] RUSH, ANDREW J., US
[73] THE JEL SERT COMPANY, US
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[25] EN
[54] **INSPECTION METHOD AND GAUGE FOR A SELF-LOCKING THREADING OF A TUBULAR CONNECTION USED IN THE OIL INDUSTRY**
[54] **PROCEDE ET JAUGE POUR L'INSPECTION DU FILETAGE AUTOBLOQUANT D'UNE CONNEXION TUBULAIRE UTILISEE DANS L'INDUSTRIE PETROLIERE**
[72] MOREAU, REGIS, FR
[72] COULON, JEAN-LUC, FR
[72] BESSE, JEAN-GUILLAUME, FR
[72] BAKALEMIAN, PIERRE-YVES, FR
[72] MARTIN, PIERRE, FR
[73] SUMITOMO METAL INDUSTRIES, LTD., JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **METHOD FOR PREPARING BIOLOGICAL TISSUES FOR USE IN BIOLOGICAL PROSTHESES**
[54] **METHODE DE PREPARATION DE TISSUS BIOLOGIQUES DESTINES A DES PROTHESES BIOLOGIQUES**
[72] STRASLY, MARINA, IT
[72] ROLANDO, GIOVANNI, IT
[73] SORIN GROUP ITALIA S.R.L., IT
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[54] **CASE FOR HOUSING AND CONTAINER FOR ELONGATED OBJECTS**
[54] **ETUI DE RANGEMENT ET CONTENANT POUR OBJETS ALLONGES**
[72] CHIAPPINI, ANDREA, IT
[73] OTO MELARA SPA, IT
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[25] EN
[54] **FIREARM WITH AN ELECTRONIC PROGRAMMING SYSTEM FOR DETONATING FUSES**
[54] **ARME A FEU DOTEE D'UN SYSTEME DE PROGRAMMATION ELECTRONIQUE DE DETONATION DES AMORCES**
[72] BRUSCHI, ANDREA, IT
[73] OTO MELARA SPA, IT
[86] (2743486)
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[25] EN
[54] **MULTIPLE ZONE SENSING FOR MATERIALS HANDLING VEHICLES**
[54] **DETECTIONS DE ZONES MULTIPLES POUR VEHICULES DE MANIPULATION DE MATERIAUX**
[72] ELSTON, EDWIN R., US
[72] SIEFRING, VERNON W., US
[72] JENSEN, ERIC L., US
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **CLEANING METHOD FOR COATING SYSTEMS**
[54] **PROCEDE DE NETTOYAGE POUR INSTALLATIONS DE REVETEMENT**
[72] MOOSBRUGGER, ARNO, AT
[72] WALCH, MARIO, LI
[72] KRASSNITZER, SIEGFRIED, AT
[72] KASEMANN, STEPHAN, AT
[72] GWEHENBERGER, JUERGEN, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[25] EN
[54] **FUSION COLLAGENASE IN WHICH AFFINITY TAG IS LINKED AND METHOD FOR PRODUCING THE SAME**
[54] **COLLAGENASE DE FUSION A LAQUELLE UN MARQUEUR D'AFFINITE EST FIXE ET SON PROCEDE DE FABRICATION**
[72] FUKUSHIMA, TAKAYOSHI, JP
[72] YOKOYAMA, KENGO, JP
[72] MURASHIMA, KOICHIRO, JP
[72] GOTO, MASAFUMI, JP
[72] YAMAGATA, YOUHEI, JP
[73] TOHOKU UNIVERSITY, JP
[73] MEIJI SEIKA PHARMA CO., LTD., JP
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[54] **CONVERTER AND METHOD FOR CONVERTING AN AUDIO SIGNAL**
[54] **CONVERTISSEUR ET PROCEDE DE CONVERSION D'UN SIGNAL AUDIO**
[72] VAN BAELEN, WILFRIED, BE
[72] KESSLER, RALPH, DE
[73] AURO TECHNOLOGIES, BE
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[25] EN
[54] **APPARATUSES AND METHODS FOR ROLLING ANGLED THREADS**
[54] **APPAREILS ET PROCEDES CONCUS POUR LE ROULAGE DE FILETS INCLINES**
[72] FLEGEL, TERRY L., US
[72] SHOOK, V. BRIAN, US
[73] LANDIS SOLUTIONS LLC, US
[86] (2744583)
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[22] 2011-06-27
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[25] EN
[54] **SENSOR FOR MEASURING LARGE MECHANICAL STRAINS IN SHEAR OR LATERAL TRANSLATION**
[54] **CAPTEUR SERVANT A MESURER DE FORTES CONTRAINTES MECANIQUES DE CISAILLEMENT OU DE TRANSLATION LATERALE**
[72] ERIKSEN, ODD HARALD STEEN, US
[73] GOODRICH CORPORATION, US
[86] (2746162)
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[25] EN
[54] **MATERIAL WITHDRAWAL APPARATUS AND METHODS OF REGULATING MATERIAL INVENTORY IN ONE OR MORE UNITS**
[54] **APPAREIL DE RETRAIT DE MATERIAUX ET METHODES DE REGULATION D'INVENTAIRES D'UNE OU PLUSIEURS UNITES**
[72] EVANS, MARTIN, US
[72] BUTTERFIELD, RONALD, US
[73] INTERCAT EQUIPMENT, INC., US
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[72] MARTORELL, IVAN A., US
[72] VAN NIEROP, PIETER, CA
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[54] **PROCEDE D'OLIGOMERISATION D'ETHYLENE AVEC DE L'ALUMINOXANE/COMPOSE ORGANO-BORE COMME ACTIVATEURS EMPLOYANT UN SOLVANT AROMATIQUE HALOGENE**
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[72] ASAY, ROGER HOWARD, US
[72] FRUZZETTI, KEITH PAUL, US
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[72] VEGAS CABALLERO, JAVIER, ES
[72] ESPINOLA ESTEPA, MANUEL, ES
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[72] PATEL, KANU MAGANBHAI, US
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[72] HOPKINS, SALLY ANN, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **SYSTEME DE MECANISME ARTICULE POUR CHARIOT ELEVATEUR A FOURCHE**
[72] O'KEEFFE, ERIC, IE
[73] TERBERG KINGLIFTER B.V., NL
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[72] BORSE, NITIN, CA
[72] TIKUISIS, TONY, CA
[73] NOVA CHEMICALS CORPORATION, CA
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[72] DEMIGLIO, RON, US
[72] STAUDACHER, MARK, US
[72] ANDERSON, RANDY, US
[73] EKO BRANDS, LLC, US
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[54] **METHODE D'OBTENTION DE BIOPROTHESES MEDICALES IMPLANTABLES AYANT DES PROPRIETES DE CALCIFICATION REDUITES**
[72] SCHUSSLER, OLIVIER, FR
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[54] **COMPRESSION OU DETENTE DE GAZ HUMIDE CENTRIFUGE AVEC UN SUPPRESSEUR ET/OU UN PULVERISATEUR DE GRUMEAUX**
[72] UPTIGROVE, STANLEY O., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **OCTAHYDROPYRROLO[3,4-C]PYRROLES DISUBSTITUES EN TANT QUE MODULATEURS DE RECEPTEUR D'OREXINE**
[72] CHAI, WENYING, US
[72] LETAVIC, MICHAEL A., US
[72] LY, KIEV S., US
[72] PIPPEL, DANIEL J., US
[72] RUDOLPH, DALE A., US
[72] STROTHER, KATHLEEN C., US
[72] SAVALL, BRAD M., US
[72] SHAH, CHANDRAVADAN R., US
[72] SHIREMAN, BROCK T., US
[72] SOYODE-JOHNSON, AKINOLA, US
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[72] SWANSON, DEVIN M., US
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[72] ABATE, ADAM R., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **METHOD AND SYSTEM FOR PROCESSING INFORMATION OF A STREAM OF INFORMATION**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'INFORMATION DE FLUX D'INFORMATIONS**
[72] DOUETTEAU, FLORIAN, FR
[72] BOUBRIK, ABDELMAJID, FR
[72] BORDIER, JEREMIE, FR
[72] LUZZARDI, ANDREA, FR
[72] MOAL, TANGUY, FR
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[54] **FLUID COKING UNIT STRIPPER**
[54] **COLONNE DE RECTIFICATION D'UNITE DE COKEFACTION FLUIDE**
[72] DAVULURI, RATHNA P., US
[72] BIELENBERG, JAMES R., US
[72] SUTTON, CLAY R., US
[72] RAICH, BRENDA A., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **SOUPAPE DE PURGE/REMPLISSAGE**
[72] RECK, MICHAEL E., US
[73] NIBCO INC., US
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[54] **METHOD FOR INCREASING THE SOLUBILITY OF A TRANSCRIPTASE INHIBITOR COMPOSITION**
[54] **PROCEDE POUR AUGMENTER LA SOLUBILITE D'UNE COMPOSITION D'INHIBITEUR DE TRANSCRIPTASE**
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[72] STIEGER, NICOLE, ZA
[73] NORTH-WEST UNIVERSITY, ZA
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[54] **PEPTIDES AND METHODS FOR THE DETECTION OF LYME DISEASE ANTIBODIES**
[54] **PEPTIDES ET PROCEDES POUR LA DETECTION D'ANTICORPS CONTRE LA MALADIE DE LYME**
[72] MEHRA, RAJESH K., US
[72] ARON, KENNETH P., US
[72] BLEILE, DENNIS M., US
[73] ABAXIS, INC., US
[85] 2012-05-16
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[54] **COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR**
[54] **COMPOSES ET METHODES UTILISES POUR LA MODULATION DES KINASES ET INDICATIONS A CET EFFET**
[72] IBRAHIM, PRABHA N., US
[72] SPEVAK, WAYNE, US
[72] CHO, HANNA, US
[72] SHI, SONGYUAN, US
[72] ZHANG, CHAO, US
[72] ZHANG, YING, US
[73] PLEXXIKON, INC., US
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[54] **MUTANTS DU FC DES ANTICORPS PRESENTANT UNE ABLATION DES FONCTIONS EFFECTRICES**
[72] STROHL, WILLIAM, US
[72] VAFA, OMID, US
[73] JANSSEN BIOTECH, INC., US
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[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR THE ADMINISTRATION OF PEPTIDES**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE POUR L'ADMINISTRATION DE PEPTIDES**
[72] HORSTMANN, MICHAEL, DE
[72] DZEKAN, HORST, DE
[72] WIEDERSBERG, SANDRA, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **INTAGLIO PRINTING PRESS WITH INK-COLLECTING CYLINDER**
[54] **PRESSE POUR IMPRESSION EN TAILLE DOUCE AVEC CYLINDRE D'IMPRESSION EN TAILLE DOUCE**
[72] SCHAEDE, JOHANNES GEORG, DE
[72] SCHWITZKY, VOLKMAR ROLF, DE
[73] KBA-NOTASYS SA, CH
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[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A SECURITY DOCUMENT COMPRISING A LENTICULAR ARRAY AND BLURRED PIXEL TRACKS**
[54] **PROCEDE ET APPAREIL POUR FABRIQUER UN DOCUMENT DE SECURITE COMPRENANT UN GROUPEMENT LENTICULAIRE ET PISTES DE PIXELS FLOUES**
[72] VAN DEN BERG, JAN, NL
[73] MORPHO B.V., NL
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[54] **SYSTEME DE SUBSTRAT-RESEAU TRANSPARENT**
[72] STALLARD, KEVIN, US
[73] AERIAL ROBOTICS, INC., US
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[54] **NOUVEAUX DERIVES D'AMINOTETRALINE**
[72] GMEINER, PETER, DE
[72] RUBERG, MIRIAM, DE
[72] HUEBNER, HARALD, DE
[73] GMEINER, PETER, DE
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[54] **AQUEOUS SOLUTION OF A FLUID (METH)ACRYLIC COMB POLYMER HAVING A DRY MATTER CONTENT GREATER THAN 60 %, METHOD FOR MANUFACTURING SAME, AND USE THEREOF AS A FLUIDIZING AGENT**
[54] **SOLUTION AQUEUSE DE POLYMERE PEIGNE (METH)ACRYLIQUE FLUIDE AVEC UN EXTRAIT SEC SUPERIEUR A 60 %, PROCEDE DE FABRICATION ET UTILISATION COMME AGENT FLUIDIFIANT**
[72] SUAU, JEAN-MARC, FR
[72] PLATEL, DAVID, FR
[73] COATEX S.A.S., FR
[85] 2012-06-22
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[25] EN
[54] **COMMON SOLVENT PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT HALOGENATED RUBBER**
[54] **PROCEDE A SOLVANT COURANT POUR LA PRODUCTION DE CAOUTCHOUC HALOGENE DE MASSE MOLECULAIRE ELEVEE**
[72] KREUDER, CARSTEN, CA
[72] GRONOWSKI, ADAM, CA
[72] LOVEGROVE, JOHN, CA
[72] PAUL, HANNS-INGOLF, DE
[72] FELLER, ROLF, DE
[72] WIESNER, UDO, DE
[73] ARLANXEO DEUTSCHLAND GMBH, DE
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[54] **FORMING AND COOLING DEVICE FOR A FLOWABLE, MELTED FOOD MASS**
[54] **DISPOSITIF DE FORMAGE ET DE REFROIDISSEMENT POUR UNE COMPOSITION ALIMENTAIRE FONDUE ET COULANTE**
[72] BIGGEL, ANDREAS, DE
[72] STADELMANN, FRANZ, DE
[73] HOCHLAND SE, DE
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[54] **SYSTEME D'ACCES A UN RESEAU SECURISE PORTABLE PERSONNEL**
[72] NAPOLI, JOHN F., US
[72] HOOKS, EDWARD F., JR., US
[73] GEMCAR INC., US
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[25] EN
[54] **METHODS FOR MANUFACTURING PLANT CELL WALLS COMPRISING CHITIN**
[54] **PROCEDES DE FABRICATION DE PAROIS DE CELLULES VEGETALES COMPRENANT DE LA CHITINE**
[72] BULONE, VINCENT, SE
[72] GUERRIERO, GEA, IT
[72] DE BLOCK, MARC, BE
[72] MEULEWAETER, FRANK, BE
[73] BAYER CROPSCIENCE NV, BE
[73] BULONE, VINCENT, SE
[73] GUERRIERO, GEA, IT
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[54] **FURO [3, 2 -B] PYRANE DERIVATIVES USEFUL IN THE SYNTHESIS OF HALICHONDRIN B ANALOGS**
[54] **DERIVES FURO [3, 2 -B] PYRANE UTILES POUR LA SYNTHESE DE L'HALICHONDRINE B**
[72] ENDO, ATSUSHI, US
[72] CHASE, CHARLES E., US
[72] FANG, FRANCIS G., US
[73] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **EOLIENNES MODULAIRES SUR RAILS**
[72] RODWAY, GILES HENRY, GB
[73] SPINETIC ENERGY LIMITED, GB
[85] 2012-07-31
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[54] **APPAREIL DE SERRAGE D'ORGANES DE FIXATION FILETES**
[72] RASKA, RICHARD J., US
[72] JUNKERS, ERIC P., US
[72] KOPPENHOEFER, PETER, US
[73] HYTORC DIVISION UNEX CORPORATION, US
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[25] EN
[54] **A METHOD AND SYSTEM FOR DELAYING SHIFT AND THROTTLE COMMANDS BASED ON ENGINE SPEED IN A MARINE VESSEL**
[54] **PROCEDE ET SYSTEME DE RETARDEMENT DES COMMANDES DE CHANGEMENT DE VITESSE ET DES GAZ SUR LA BASE DE LA VITESSE DE MOTEUR DANS UN VAISSEAU MARIN**
[72] MARTIN, THOMAS SAMUEL, CA
[72] GARON, PIERRE, CA
[73] MARINE CANADA ACQUISITION INC., CA
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[25] EN
[54] **SYNERGISTIC HERBICIDE/INSECTICIDE COMPOSITION CONTAINING CERTAIN PYRIDINE CARBOXYLIC ACIDS AND CERTAIN INSECTICIDES**
[54] **COMPOSITION HERBICIDE/INSECTICIDE SYNERGIQUE CONTENANT CERTAINS ACIDES PYRIDINECARBOXYLIQUES ET CERTAINS INSECTICIDES**
[72] SATCHIVI, NORBERT M., US
[72] SCHMITZER, PAUL R., US
[73] DOW AGROSCIENCES LLC, US
[85] 2012-08-15
[86] 2011-02-17 (PCT/US2011/025140)
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[25] EN
[54] **LAWFUL CALL INTERCEPTION SUPPORT IN PACKET CABLE NETWORK**
[54] **SOUTIEN A L'INTERCEPTION LEGALE D'APPEL DANS UN RESEAU CABLE A COMMUTATION PAR PAQUETS**
[72] YARED, MARLENE, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **SERRURE A MORTAISE COMPORTANT UN DOUBLE MECANISME D'INVERSEMENT/DE VERROUILLAGE**
[72] SHEN, TONY, US
[73] NEWFREY LLC, US
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[54] **METHOD FOR LINKING AND LOADING TO PROTECT APPLICATIONS**
[54] **PROCEDE D'EDITION DE LIENS ET DE CHARGEMENT POUR PROTEGER DES APPLICATIONS**
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[72] LIEM, CLIFFORD, CA
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[54] **CRYSTALLINE SALTS OF A MACROCYCLIC POTENT HCV NS3 SERINE PROTEASE INHIBITOR**
[54] **SELS CRISTALLINS D'INHIBITEUR DE SERINE PROTEASE NS3 DU VHC POTENTE MACROCYCLIQUE**
[72] YANG, BING-SHIOU, US
[72] YIP, KA, US
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **PROCEDE D'INJECTION EN PHASE DILUEE DE MATIERES ALCALINES SECHES**
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[72] FILIPPELLI, GREGORY M., US
[73] ADA-ES, INC., US
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[54] **FOUR BASCULANT**
[72] DECKERS, JAN, BE
[72] HANSEN, JURGEN, BE
[73] BELGOPROCESS N.V., BE
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[54] **TURBINE HYDRAULIQUE**
[72] HOLSTEIN, BENJAMIN, DE
[72] LOCHSCHMIDT, JOERG, DE
[72] PONTOW, THOMAS, DE
[73] VOITH PATENT GMBH, DE
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[54] **VIBRATION APPARATUS**
[54] **APPAREIL VIBRATOIRE**
[72] SEATON, MURRAY, AU
[72] BLATTMANN, LEE, AU
[73] HYPERVIBE PTY LTD, AU
[85] 2012-09-12
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[25] EN
[54] **COMPOUNDS (CYSTEIN BASED LIPOPEPTIDES) AND COMPOSITIONS AS TLR2 AGONISTS USED FOR TREATING INFECTIONS, INFLAMMATIONS, RESPIRATORY DISEASES ETC.**
[54] **COMPOSES (LIPOPEPTIDES A BASE DE CYSTEINE) ET COMPOSITIONS EN TANT QU'AGONISTES DES TLR2 UTILISES POUR TRAITER DES INFECTIONS, INFLAMMATIONS, MALADIES RESPIRATOIRES ENTRE AUTRES**
[72] WU, TOM YAO-HSIANG, US
[72] ZOU, YEFEN, US
[72] HOFFMAN, TIMOTHY Z., US
[72] PAN, JIANFENG, US
[73] NOVARTIS AG, CH
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[54] **SEPARATION DE GAZ LEGERS ET D'HYDROCARBURES POUR COURANTS DE CHARGE DE COMPOSITION VARIABLE**
[72] GASKIN, THOMAS K., US
[72] MOWREY, EARLE R., US
[73] ADVANCED EXTRACTION TECHNOLOGIES, INC., US
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[54] **SURGICAL CUTTING AND SEALING INSTRUMENT WITH REDUCED FIRING FORCE**
[54] **INSTRUMENT CHIRURGICAL D'INCISION ET DE SUTURE A EFFORT DE DECLENCHEMENT REDUIT**
[72] HUNT, JOHN V., US
[72] LAIRD, ROBERT J., US
[72] VAKHARIA, OMAR J., US
[72] TIMM, RICHARD W., US
[72] MONSON, GAVIN M., US
[72] THOMPSON, SUZANNE E., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **SCREWSTRIP ADVANCE MECHANISM AND FEEDER FOR A POWER SCREWDRIVER**
[54] **MECANISME D'AVANCE DE BANDE DE VIS ET LIGNE D'ALIMENTATION POUR TOURNEVIS ELECTRIQUE**
[72] HALE, TROY, US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
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[54] **ACCURATE TIME ANNOTATION OF INTRACARDIAC ECG SIGNALS**
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[72] RUBINSTEIN, VLADIMIR, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[86] (2794794)
[87] (2794794)
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[54] **USE OF ENDOGENOUS PROMOTERS TO EXPRESS HETEROLOGOUS PROTEINS**
[54] **UTILISATION DE PROMOTEURS ENDOGENES POUR EXPRIMER DES PROTEINES HETEROLOGUES**
[72] DAVIS, GREG, US
[72] MALKOV, DMITRY, US
[72] ZENSER, NATHAN, US
[73] SIGMA-ALDRICH CO. LLC, US
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[54] **PORTABLE WORK HOLDING DEVICE AND ASSEMBLY**
[54] **DISPOSITIF PORTABLE DE RETENUE D'UNE PIECE DE TRAVAIL ET ENSEMBLE**
[72] ONELLO, TIMOTHY SCOTT, US
[72] WEBER, CHARLES, US
[73] JPW INDUSTRIES INC., US
[86] (2796468)
[87] (2796468)
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[25] FR
[54] **NOVEL FORMULATIONS OF ACTIVE INGREDIENT(S) OF PLANT ORIGIN OR SYNTHETIC ANALOGUES THEREOF OR OF EXTRACT(S) OF PLANT ORIGIN CONTAINING SAME, AND OF LECITHIN**
[54] **NOUVELLES FORMULATIONS D'INGREDIENT(S) ACTIF(S) D'ORIGINE VEGETALE OU LEURS ANALOGUES SYNTHETIQUES OU D'EXTRAIT(S) D'ORIGINE VEGETALE LES CONTENANT, ET DE LECITHINE**
[72] SARDO, ALBERTO, FR
[73] XEDA INTERNATIONAL, FR
[85] 2012-10-15
[86] 2011-04-14 (PCT/FR2011/050861)
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[25] EN
[54] **CERTAIN AMINO-PYRIMIDINES, COMPOSITIONS THEREOF, AND METHODS FOR THEIR USE**
[54] **CERTAINES AMINO-PYRIDAZINES, COMPOSITIONS CONTENANT CES DERNIERES ET LEURS PROCEDES D'UTILISATION**
[72] YANG, ZHE, US
[72] MUCI, ALEX R., US
[72] WARRINGTON, JEFFREY, US
[72] BERGNES, GUSTAVE, US
[72] MORGAN, BRADLEY P., US
[72] CHUANG, CHIHYUAN, US
[72] ROMERO, ANTONIO, US
[72] COLLIBEE, SCOTT, US
[72] QIAN, XIANGPING, US
[72] LU, PU-PING, US
[73] CYTOKINETICS, INC., US
[85] 2012-10-16
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[54] **STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING**
[54] **MOUSSE DE COPOLYMERE STYRENE-ACRYLONITRILE PRESENTANT UN MINIMUM DE JAUNISSEMENT**
[72] HOOD, LAWRENCE S., US
[72] DESHANO, BRIAN H., US
[72] FRANKOWSKI, DAVID J., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-10-17
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[51] **Int.Cl. B02C 23/12 (2006.01) B02C 23/14 (2006.01)**
[25] FR
[54] **PROCESS FOR MILLING A MINERAL MATERIAL CONTAINING AT LEAST CALCIUM AND METALLIC IMPURITIES, AND INSTALLATION SUITABLE FOR MILLING A MINERAL MATERIAL CONTAINING CALCIUM AND METALLIC IMPURITIES AS SUCH**
[54] **PROCEDE ET INSTALLATION DE BROYAGE D'UNE MATIERE MINERALE CONTENANT AU MOINS DU CALCIUM ET DES IMPURETES METALLIQUES**
[72] BOURBON, DIDIER, FR
[72] DEVROE, SEBASTIEN, FR
[73] FIVES FCB, FR
[85] 2012-10-19
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[87] (WO2011/151534)
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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
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[54] **SYSTEM AND METHOD FOR STIMULATING SENSORY NERVES**
[54] **SYSTEME ET PROCEDE DE STIMULATION DE NERFS SENSITIFS**
[72] CARROLL, WILLIAM J., US
[72] AUNE, ERLING JENSEN, JR., US
[72] JOHNSON, TIMOTHY J., US
[72] SCHOUENBORG, JENS OLAF ROE, SE
[73] MEAGAN MEDICAL, INC., US
[85] 2012-10-22
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[25] EN
[54] **POLLUTANT SEQUESTERING PAVING SYSTEM**
[54] **SYSTEME DE PAVAGE A SEQUESTRATION DES POLLUANTS**
[72] VON LANGSDORFF, HARALD, CA
[73] F. VON LANGSDORFF LICENSING LIMITED, CA
[86] (2797389)
[87] (2797389)
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[25] EN
[54] **PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, METHODS OF MAKING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, METHODS OF USING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, AND METHODS OF MAKING ARTICLES CONTAINING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS**
[54] **POLYMERES PHOTOCHIMIQUES RETICULABLES, METHODES DE PRODUCTION DE POLYMERES PHOTOCHIMIQUES RETICULABLES, METHODES D'UTILISATIONS DE POLYMERES PHOTOCHIMIQUES RETICULABLES ET METHODES DE FABRICATION D'ARTICLES RENFERMANT DES POLYMERES PHOTOCHIMIQUES RETICULABLES**
[72] LOCKLIN, JASON J., US
[72] DHENDE, VIKRAM, US
[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[85] 2012-10-26
[86] 2011-04-28 (PCT/US2011/034268)
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[54] **CONTINUOUS WEAVE QUICK ADJUST HARNESS BACKPLATE SYSTEM**
[54] **SYSTEME DE PLAQUE DE SUPPORT POUR BANDE FORMANT SANGLE CONTINUE A REGLAGE RAPIDE**
[72] JABLONSKI, JARROD, US
[73] HALCYON MANUFACTURING, INC., US
[85] 2012-11-02
[86] 2010-06-05 (PCT/US2010/037549)
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[25] EN
[54] **APPARATUS AND METHOD PERTAINING TO THE COMMUNICATION OF INFORMATION REGARDING APPLIANCES THAT UTILIZE DIFFERING COMMUNICATIONS PROTOCOLS**
[54] **APPAREIL ET METHODE RELATIFS A LA COMMUNICATION D'INFORMATION A PROPOS D'APPAREILS QUI UTILISENT DES PROTOCOLES DE COMMUNICATION DIFFERENTS**
[72] ARTEAGA-KING, ALONSO, US
[72] FITZGIBBON, JAMES J., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2798409)
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[25] EN
[54] **LOW ALCOHOL OR ALCOHOL FREE FERMENTED MALT BASED BEVERAGE AND METHOD FOR PRODUCING IT**
[54] **BOISSON A BASE DE MALT FERMENTE SANS ALCOOL OU A FAIBLE TENEUR EN ALCOOL ET SA METHODE DE PRODUCTION**
[72] VANDERHAEGEN, BART, BE
[73] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2012-11-06
[86] 2011-04-08 (PCT/EP2011/055572)
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[54] **AN APPARATUS AND METHOD FOR RECUPERATION OF HYDRAULIC ENERGY**
[54] **APPAREIL ET PROCEDE POUR LA RECUPERATION D'ENERGIE HYDRAULIQUE**
[72] ANKARGREN, DAVID BENGT JOHAN, NO
[72] POHL, JOCHEN, NO
[73] NATIONAL OILWELL VARCO NORWAY AS, NO
[85] 2012-11-09
[86] 2011-05-18 (PCT/NO2011/000154)
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[25] EN
[54] **FLEXIBLE QUASI OUT OF BAND AUTHENTICATION ARCHITECTURE**
[54] **ARCHITECTURE D'AUTHENTIFICATION SOUPLE QUASI HORS BANDE (QUASI OUT OF BAND, QOOBA)**
[72] GANESAN, RAVI, US
[73] EARLY WARNING SERVICES, LLC, US
[85] 2012-11-13
[86] 2011-04-13 (PCT/US2011/032295)
[87] (WO2011/142929)
[30] US (61/334,776) 2010-05-14
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[25] EN
[54] **PROPPANTS FOR USE IN HYDRAULIC FRACTURING OF SUBTERRANEAN FORMATIONS**
[54] **AGENTS DE SOUTENEMENT UTILISES DANS LA FRACTURATION HYDRAULIQUE DE FORMATIONS SOUTERRAINES**
[72] REDIGER, RICHARD A., US
[73] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2012-11-14
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[87] (WO2011/146186)
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[25] EN
[54] **METHOD AND APPARATUS FOR INTERNALLY DETERMINING A LOAD APPLIED BY A JACK**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER EN INTERNE UNE CHARGE APPLIQUEE PAR UN CRIC**
[72] HAYES, JOHN A., US
[73] LOADTEST, INC., US
[85] 2012-11-15
[86] 2011-05-18 (PCT/US2011/037028)
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[30] US (61/345,782) 2010-05-18

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[51] **Int.Cl. A01N 25/14 (2006.01) A01N 25/04 (2006.01) C08J 3/05 (2006.01)**
[25] EN
[54] **STABILIZED CHEMICAL COMPOSITION**
[54] **COMPOSITION CHIMIQUE STABILISEE**
[72] FOWLER, JEFFREY DAVID, US
[72] KIM, SEJONG, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2012-11-16
[86] 2011-06-07 (PCT/US2011/039384)
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[30] US (61/352,246) 2010-06-07
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[25] EN
[54] **FRAME TYPE TABLE ASSEMBLIES**
[54] **ENSEMBLE TABLE DE TYPE A CHASSIS**
[72] MARTIN, KIRT, US
[72] EBERLEIN, DAVID C., US
[73] STEELCASE INC., US
[85] 2012-11-19
[86] 2011-06-02 (PCT/US2011/038904)
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[30] US (61/350,736) 2010-06-02
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[54] **FRAME TYPE TABLE ASSEMBLIES**
[54] **ENSEMBLES TABLE DE TYPE A CHASSIS**
[72] MARTIN, KIRT, US
[72] EBERLEIN, DAVID C., US
[73] STEELCASE INC., US
[85] 2012-11-19
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[54] **PYRAZOLE COMPOUNDS AS SIGMA RECEPTOR INHIBITORS**
[54] **COMPOSES PYRAZOLE COMME INHIBITEURS DU RECEPTEUR SIGMA**
[72] GARCIA LOPEZ, MONICA, ES
[72] TORRENS JOVER, ANTONI, ES
[72] DIAZ FERNANDEZ, JOSE LUIS, ES
[72] CAAMANO MOURE, ANA MARIA, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2012-11-21
[86] 2011-05-26 (PCT/EP2011/058633)
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[54] **METHODS AND A SYSTEM FOR DETECTING FRAUD IN BETTING AND LOTTERY GAMES**
[54] **PROCEDES ET SYSTEME DE DETECTION DE FRAUDE DANS DES JEUX DE PARIS ET DE LOTERIE**
[72] DIMITRIADIS, CHRISTOS K., GR
[72] CHRISTOU, IOANNIS, GR
[72] BAKOPOULOS, MENELAOS, GR
[73] INTRALOT S.A. - INTEGRATED LOTTERY SYSTEMS AND SERVICES, GR
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[54] **ARMOURED RESISTOR WITH AN END SEALING ELEMENT**
[54] **RESISTANCE BLINDEE AVEC ELEMENT TERMINAL D'ETANCHEITE**
[72] COLOMBO, ROBERTO, IT
[72] PALU', GIANNI, IT
[72] BIASI, MAURIZIO, IT
[73] I.R.C.A. S.P.A. - INDUSTRIA RESISTENZE CORAZZATE E AFFINI, IT
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[54] **DRESSINGS AND METHODS FOR TREATING A TISSUE SITE ON A PATIENT**
[54] **PANSEMENTS ET METHODES POUR LE TRAITEMENT D'UN SITE TISSULAIRE SUR UN PATIENT**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] TOUT, AIDAN MARCUS, GB
[73] KCI LICENSING, INC., US
[85] 2012-11-28
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[30] US (61/325,115) 2010-04-16
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[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING A MESSAGING CAMPAIGN WITHIN AN ENTERPRISE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GERER UNE CAMPAGNE DE MESSAGERIE AU SEIN D'UNE ENTREPRISE**
[72] CIANCIO-BUNCH, JAMES MICHAEL, US
[73] SALESFORCE.COM, INC., US
[85] 2012-11-28
[86] 2011-06-06 (PCT/US2011/039340)
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[54] **CYCLOPROPENE COMPOSITIONS**
[54] **COMPOSITIONS DE CYCLOPROPENE**
[72] FOWLER, JEFFREY DAVID, US
[72] KIM, SEJONG, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2012-11-29
[86] 2011-06-07 (PCT/US2011/039461)
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[25] EN
[54] **FAST HEAT-UP OF A THERMAL CONDITIONING DEVICE E.G. FOR COFFEE MACHINE**
[54] **CHAUFFAGE RAPIDE D'UN DISPOSITIF DE CONDITIONNEMENT THERMIQUE, PAR EXEMPLE POUR MACHINE A CAFE**
[72] ETTER, STEFAN, CH
[72] MOERI, PETER, CH
[73] NESTEC S.A., CH
[85] 2012-11-30
[86] 2011-06-14 (PCT/EP2011/059771)
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[25] EN
[54] **SYSTEM FOR GENERATING TEST SCENARIOS AND TEST CONDITIONS AND EXPECTED RESULTS**
[54] **GENERATEUR DE SCENARIOS D'ESSAI, DE CONDITIONS DE VERIFICATION ET DE RESULTATS PREVUS**
[72] DWARAKANATH, ANURAG, IN
[72] SINGI, KAPIL, IN
[72] CHANDRAN, ANITHA, IN
[72] INGRAM, DAVID E., GB
[72] AHERN, BRIAN, GB
[72] SENGUPTA, SHUBHASHIS, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2801551)
[87] (2801551)
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[51] **Int.Cl. B29C 70/08 (2006.01) B29C 70/20 (2006.01) B32B 5/28 (2006.01)**
[25] EN
[54] **NOVEL INTERMEDIATE REINFORCING MATERIAL CONSISTING OF AN ARRAY OF SPACED-APART YARNS/WEBS**
[54] **NOUVEAU MATERIAU INTERMEDIAIRE DE RENFORT CONSTITUE D'UN ENSEMBLE DE FILS VOILES ESPACES**
[72] BERAUD, JEAN-MARC, FR
[72] DUCARRE, JACQUES, FR
[72] THIEL, JEAN-BENOIT, FR
[73] HEXCEL REINFORCEMENTS, FR
[85] 2012-12-05
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[54] **BURST INDICATOR**
[54] **INDICATEUR DE RAFALE**
[72] WALKER, JOSEPH A., US
[72] SHAW, BON F., US
[73] FIKE CORPORATION, US
[85] 2012-12-12
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[25] EN
[54] **BIOABSORBABLE IMPLANTS**
[54] **IMPLANTS BIOABSORBABLES**
[72] PANDELIDIS, IOANNIS, US
[72] STECKEL, MARK, CH
[73] ZORION MEDICAL, INC., US
[85] 2012-12-13
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[51] **Int.Cl. B64C 9/14 (2006.01)**
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[54] **LINKAGE FOR GUIDING A FLEXIBLE CABLE**
[54] **TRINGLERIE POUR GUIDER UN CABLE SOUPLE**
[72] SALTHOUSE, MARK ANTHONY, GB
[72] BIGGADIKE, CHRISTOPHER, GB
[72] DUTTON, GRAEME JOHN, GB
[73] ULTRA ELECTRONICS LIMITED, GB
[85] 2012-12-17
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[25] EN
[54] **EPOXY COMPOSITE**
[54] **COMPOSITE EPOXY**
[72] ALLUM, RONALD CHARLES, AU
[72] DURBIN, PHILIP MICHAEL, AU
[73] ACHERON PRODUCT PTY LTD, AU
[85] 2012-12-21
[86] 2011-06-23 (PCT/AU2011/000772)
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[25] EN
[54] **WASTEWATER TREATMENT**
[54] **TRAITEMENT DES EAUX USEES**
[72] FASSBENDER, ALEXANDER, US
[73] FASSBENDER, ALEXANDER, US
[85] 2012-12-27
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[25] EN
[54] **ENVIRONMENTALLY FRIENDLY POLYURETHANE COMPOSITE PANEL AND METHOD TO MANUFACTURE IT**
[54] **PANNEAU COMPOSITE EN POLYURETHANE ECOLOGIQUE ET SON PROCEDE DE FABRICATION**
[72] JAMES, ALLAN, US
[72] PAOLINI, DANIELE, IT
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-12-28
[86] 2011-07-11 (PCT/US2011/043503)
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[25] EN
[54] **METHOD OF DETERMINING AT LEAST ONE PARAMETER OF AN ERROR-CORRECTING CODE IMPLEMENTED ON TRANSMISSION, CORRESPONDING DEVICE AND COMPUTER PROGRAM**
[54] **PROCEDE DE DETERMINATION D'AU MOINS UN PARAMETRE D'UN CODE CORRECTEUR D'ERREURS MIS EN .UVRE EN EMISSION, DISPOSITIF ET PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[72] GAUTIER, ROLAND, FR
[72] RANNOU, ERIC, FR
[72] MARAZIN, MELANIE, FR
[72] BUREL, GILLES, FR
[73] UNIVERSITE DE BRETAGNE OCCIDENTALE, FR
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[25] EN
[54] **SPECTRAL SCANNING PHOTOCROSSLINKING DEVICE**
[54] **DISPOSITIF DE PHOTORETICULATION A BALAYAGE DE SPECTRE**
[72] NOUI, HERVE, FR
[72] LUCAS, PHILIPPE, FR
[73] SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES, FR
[85] 2013-01-04
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[25] EN
[54] **NEW FORMULATIONS OF 14-EPI-ANALOGUES OF VITAMIN D AND CMC**
[54] **NOUVELLES FORMULATIONS D'ANALOGUES 14-EPI DE VITAMINE D ET CMC**
[72] DELANSORNE, REMI, FR
[73] HYBRIGENICS SA, FR
[85] 2013-01-11
[86] 2011-07-13 (PCT/EP2011/061973)
[87] (WO2012/007512)
[30] US (12/836,974) 2010-07-15
[30] EP (10305783.2) 2010-07-15

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[25] EN
[54] **1-PHENYL-SUBSTITUTED HETEROCYCLYL DERIVATIVES AND THEIR USE AS PROSTAGLANDIN D2 RECEPTOR MODULATORS**
[54] **DERIVES D'HETEROCYCLYLE SUBSTITUES PAR UN 1-PHENYLE ET LEUR UTILISATION EN TANT QUE MODULATEURS DES RECEPTEURS DE LA PROSTAGLANDINE D2**
[72] AISSAOUI, HAMED, CH
[72] BOSS, CHRISTOPH, CH
[72] POTHIER, JULIEN, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[72] RISCH, PHILIPPE, CH
[72] SIEGRIST, ROMAIN, CH
[72] FRETZ, HEINZ, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
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[25] EN
[54] **DRUG DELIVERY MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL D'ADMINISTRATION DE MEDICAMENT**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, CHARLES DOUGLAS, US
[72] ZANI, BRETT G., US
[72] NEET, JOHN, US
[72] KIORPES, TIMOTHY CHARLES, US
[73] MICELL TECHNOLOGIES, INC., US
[85] 2013-01-15
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[25] EN
[54] **STRIP OF PREPREG HAVING A CONSTANT WIDTH**
[54] **MATERIAUX COMPOSITES AMELIORES**
[72] ELLIS, JOHN, GB
[72] FISSET, EMILIE, GB
[73] HEXCEL COMPOSITES LIMITED, GB
[85] 2013-01-23
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[51] **Int.Cl. C08F 290/06 (2006.01) C09D 155/00 (2006.01) D21H 17/34 (2006.01) D21H 19/56 (2006.01)**
[25] FR
[54] **USE, IN PAPER COATING SLIPS, OF AMPHIPHILIC AND NON-WATER-SOLUBLE COMB (METH)ACRYLIC POLYMERS**
[54] **UTILISATION EN SAUCES DE COUCHAGE PAPETIERES DE POLYMERES (METH)ACRYLIQUES PEIGNES AMPHIPHILES ET NON HYDROSOLUBLES**
[72] SUAU, JEAN-MARC, FR
[72] GUILLOT, MURIELLE, FR
[72] DUPONT, FRANCOIS, FR
[73] COATEX S.A.S., FR
[85] 2013-01-28
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[51] **Int.Cl. A61K 31/495 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC USES OF 1-[2-(2,4-DIMETHYL-PHENYLSULFANYL)PHENYL]PIPERAZINE IN THE TREATMENT OF CNS DISEASES**
[54] **USAGES THERAPEUTIQUES DE 1-[2-(2,4-DIMETHYL-PHENYLSULFANYL)PHENYL]PIPERAZINE DANS LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] DRAGHEIM, MARIANNE, DK
[72] FLOREA, IOANA, DK
[73] H. LUNDBECK A/S, DK
[85] 2013-01-30
[86] 2011-08-22 (PCT/DK2011/050317)
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[30] US (61/375,885) 2010-08-23
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[51] **Int.Cl. B65B 63/02 (2006.01)**
[25] EN
[54] **PILING AND COMPRESSING PIECES OF COMPRESSIBLE MATERIAL**
[54] **ENTASSEMENT ET COMPRESSION DE MORCEAUX DE MATIERES COMPRESSIBLES**
[72] NISSEN, PER, DK
[73] SEELEN A/S, DK
[85] 2013-01-30
[86] 2011-08-26 (PCT/EP2011/064736)
[87] (WO2012/028553)
[30] EP (10008974.7) 2010-08-30

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[51] **Int.Cl. G01C 9/06 (2006.01) G01C 9/20 (2006.01)**
[25] EN
[54] **TILT SENSOR FOR A DEVICE AND METHOD FOR DETERMINING THE TILT OF A DEVICE**
[54] **CAPTEUR D'INCLINAISON POUR UN APPAREIL ET PROCEDE DE DETERMINATION DE L'INCLINAISON D'UN APPAREIL**
[72] LIPPUNER, HEINZ, CH
[72] METZLER, BERNHARD, AT
[72] AMANN, WERNER, AT
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-02-01
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[25] EN
[54] **NANOPARTICLE FILM DELIVERY SYSTEMS**
[54] **SYSTEMES D'ADMINISTRATION DE FILM DE NANOPARTICULES**
[72] SCHOBEL, ALEXANDER M., US
[72] MYERS, GARRY L., US
[72] KENDALL, KEITH JOSEPH, US
[72] RADEMACHER, THOMAS, GB
[72] MOUS, JAN, CH
[72] BARRY, JUSTIN N.W., ES
[72] WILLIAMS, PHILLIP, GB
[72] BARRIENTOS, AFRICA GARCIA, ES
[73] MIDATECH LIMITED, GB
[73] AQUESTIVE THERAPEUTICS, INC., US
[85] 2012-12-07
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[51] **Int.Cl. B28B 1/08 (2006.01) B28B 1/087 (2006.01) B28B 3/02 (2006.01) B28B 7/44 (2006.01) B30B 11/02 (2006.01)**
[25] EN
[54] **PRESS FOR VACUUM VIBRO-COMPRESSION OF SLABS OR BLOCKS OR ARTICLES OF AGGLOMERATED OR CERAMIC MATERIAL**
[54] **PRESSE POUR LA VIBRO-COMPRESSION SOUS VIDE DE PLAQUES OU DE BLOCS OU D'OBJETS EN MATERIAU AGGLOMERE OU CERAMIQUE**
[72] TONCELLI, LUCA, IT
[73] TONCELLI, LUCA, IT
[85] 2013-02-01
[86] 2011-08-03 (PCT/IB2011/053460)
[87] (WO2012/017401)
[30] IT (TV2010A000118) 2010-08-06

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[13] C
[51] **Int.Cl. H02P 6/00 (2016.01)**
[25] EN
[54] **SIGNAL TRANSDUCER AND CONTROL SYSTEM FOR ELECTRICAL EQUIPMENT COMPRISING THE SAME**
[54] **TRANSDUCTEUR DE SIGNAL ET SYSTEME DE COMMANDE POUR EQUIPEMENT ELECTRIQUE AINSI EQUIPE**
[72] LU, CHUPING, CN
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2807711)
[87] (2807711)
[22] 2013-02-27
[30] CN (201210071468.0) 2012-03-16

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[51] **Int.Cl. G01N 21/49 (2006.01)**
[25] EN
[54] **FUEL CLOUD POINT OR FREEZE POINT SENSOR WITH COLLINEAR OPTICAL GEOMETRY**
[54] **CAPTEUR DE POINT DE TROUBLE OU DE POINT DE CONGELATION DE CARBURANT DOTE D'UNE GEOMETRIE OPTIQUE COLINEAIRE**
[72] HARAN, FRANK M., US
[72] TIXIER, SEBASTIEN, US
[72] HEATH, STUART J., US
[73] HONEYWELL ASCA INC., CA
[85] 2013-02-08
[86] 2011-08-15 (PCT/CA2011/000927)
[87] (WO2012/021970)
[30] US (12/857,863) 2010-08-17

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[51] **Int.Cl. E02D 7/30 (2006.01) E02D 3/08 (2006.01) E02D 7/00 (2006.01)**
[25] EN
[54] **EXTENSIBLE SHELLS AND RELATED METHODS FOR CONSTRUCTING A SUPPORT PIER**
[54] **COQUES EXTENSIBLES ET PROCEDES ASSOCIES POUR LA CONSTRUCTION D'UN PILIER PORTEUR**
[72] WHITE, DAVID J., US
[73] GEOPIER FOUNDATION COMPANY, INC., US
[85] 2013-02-26
[86] 2011-09-13 (PCT/US2011/051349)
[87] (WO2012/037089)
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[72] LOOMIS, NICHOLAS THEODORE, US
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[73] VITRABLOK, S.R.O., CZ
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[54] **FILTRE CARTOUCHE COMBINANT UN FILTRE EN PROFONDEUR ET UN FILTRE SUBMICRONIQUE, ET METHODE DE PRETRAITEMENT PAR OSMOSE INVERSE**
[72] STIFTER, TRAVIS GERALD, US
[72] SZCZEPANSKI, JOSEPH T., US
[72] LAIDLAW, WILLIAM B., US
[72] BHARWADA, UPEN JAYANT, US
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **OUTSOLE**
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[72] BRAUNSCHWEILER, HANS GEORG, CH
[73] GLIDE'N LOCK AG, CH
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[72] PARKER, RONALD BRIAN, GB
[73] RBP ASSOCIATES LIMITED ET AL., GB
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[54] **APPAREIL D'ECLAIRAGE A DEL**
[72] WILCOX, KURT S., US
[72] GUILLIEN, WAYNE, US
[72] TSAO, FRANK, AU
[73] CREE, INC., US
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[54] **COMPOSITION D'ADDITIF DE BROYAGE POUR CIMENT STABLE A LA DILUTION**
[72] JARDINE, LESLIE A., US
[72] CHEUNG, JOSEPHINE H., US
[73] GCP APPLIED TECHNOLOGIES INC., US
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[54] **PREPARATION D'UN ELEMENT DE RECONNAISSANCE MOLECULAIRE**
[72] SHAHGALDIAN, PATRICK, FR
[72] CUMBO, ALESSANDRO, CH
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[54] **COMPOSES MODULATEURS D'UNE PROTEINE CFTR MUTANTE ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES ASSOCIEES A UN DYSFONCTIONNEMENT DE LA PROTEINE CFTR**
[72] ODOLCZYK, NORBERT, PL
[72] ZIELENKIEWICZ, PIOTR, PL
[72] WIECZOREK, GRZEGORZ, PL
[72] EDELMAN, ALEKSANDER, FR
[72] TONDELIER, DANIELLE, FR
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[54] **MECANISME D'ENTRAINEMENT POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] PLUMPTRE, DAVID AUBREY, GB
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **SYSTEME DE FILTRE A FLUIDE**
[72] RIES, JEFFREY R., US
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] HARDER, DAVID B., US
[72] HACKER, JOHN R., US
[72] EISENMENGER, RICHARD J., US
[73] DONALDSON COMPANY, INC., US
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[54] **MECANISME D'ENTRAINEMENT POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
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[54] **PROCEDE PERMETTANT DE METTRE EN SURETE DES JUSTIFICATIFS D'IDENTITE DANS UN ORGANE D'ARCHIVAGE ELOIGNE**
[72] CHIDAMBARAM, AVINASH, CA
[72] CAMPAGNA, MATTHEW JOHN, CA
[73] CERTICOM CORP., CA
[73] BLACKBERRY LIMITED, CA
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[54] **PREPARATIONS DE CLEVIDIPINE EN EMULSION CONTENANT DES AGENTS ANTIMICROBIENS**
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[72] WILLIAMS, GREGORY CHARLES, US
[73] CHIESI FARMACEUTICI S.P.A., IT
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[54] **UTILISATION D'HERBICIDES INHIBITEURS D'ALS POUR LA LUTTE CONTRE UNE VEGETATION NON SOUHAITEE CHEZ DES PLANTES BETA VULGARIS TOLERANTES AUX HERBICIDES INHIBITEURS D'ALS**
[72] HAIN, RUDIGER, DE
[72] JOHANN, GERHARD, DE
[72] DONN, GUNTER, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[72] BETTI, PAOLO, IT
[73] FINCHIMICA S.P.A., IT
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[54] **METHODE DE DETERMINATION DU GENOTYPE LIE A LA PARAKERATOSE NASALE HEREDITAIRE ET ACIDES NUCLEIQUES UTILISABLES DANS LADITE METHODE**
[72] LEEB, TOSSO, CH
[73] UNIVERSITY OF BERN, CH
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[54] **PANNEAU DE GARNITURE POUR BATIS ET CASES DE MATERIEL**
[72] LARSEN, LARS R., US
[72] VACCA, CHRIS M., US
[72] ADAMS, ROBERT R., US
[73] ORTRONICS, INC., US
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[72] FONTAINE, SYLVAIN, CA
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[54] **SYSTEME ROBOTISE PERSONNALISABLE**
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[72] SUTHERLAND, STEPHEN, CA
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[54] **COMPOSITION ADHESIVE NON-NOIRE AUTOCOLLANTE ET PROCEDES POUR PREPARER CELLE-CI**
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[72] WARD, BRANDON, US
[73] FIRESTONE BUILDING PRODUCTS COMPANY, LLC, US
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[72] FUCCI, DAVID A., US
[73] THE BOEING COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGES EN PARALLELE**
[72] CHEHAIBER, MOATASEM, DK
[73] IVISYS APS, DK
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[54] **PROCEDE ET DISPOSITIF DE PROTECTION D'UN DISPOSITIF DE DETECTION OPTIQUE CONTRE UNE CONTAMINATION**
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[72] HALLSTROM, ANDERS, SE
[73] DELAVAL HOLDING AB, SE
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[54] **ARTICLE PARE-BALLES COMPRENANT UNE RESINE DE STYRENE BUTADIENE ET PROCEDE DE FABRICATION DUDIT ARTICLE**
[72] DE HAAS, MARC-JAN, NL
[72] VAN NOREL, ALEX, NL
[72] VAN BOMMEL, VINCENT, NL
[72] VAN ROOIJ, RAMON, NL
[72] CUNNINGHAM, NICOLAS, CA
[72] PATEL, CHINKALBEN, CA
[73] TEIJIN ARAMID B.V., NL
[73] BARRDAY INC., CA
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[54] **ARTICLE PARE-BALLES COMPRENANT UNE RESINE ACRYLIQUE AUTO-RETICULANTE ET/OU UNE RESINE ACRYLIQUE RETICULABLE ET PROCEDE DE FABRICATION DUDIT ARTICLE**
[72] DE HAAS, MARC-JAN, NL
[72] VAN NOREL, ALEX, NL
[72] VAN BOMMEL, VINCENT, NL
[72] VAN ROOIJ, RAMON, NL
[72] CUNNINGHAM, NICOLAS, CA
[72] PATEL, CHINKALBEN, CA
[73] TEIJIN ARAMID B.V., NL
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[54] **MATERIAUX POUR DISPOSITIF OPHTALMIQUE HYDROPHOBES A FAIBLE COLLANT**
[72] LAREDO, WALTER R., US
[72] JIANG, XUWEI, US
[73] NOVARTIS AG, CH
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[54] **SYSTEME ET PROCEDE POUR LE RENFORCEMENT DE LA CIRCULATION DE L'AIR DANS DES MACHINES ELECTRIQUES**
[72] LANG, NICHOLAS G., US
[73] SIEMENS INDUSTRY, INC., US
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[72] FEYNMAN, CARL RICHARD, US
[73] AB INITIO TECHNOLOGY LLC, US
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[54] **OPTIMIZING ACOUSTIC EFFICIENCY OF A SONIC FILTER OR SEPARATOR**
[54] **OPTIMISATION DU RENDEMENT ACOUSTIQUE D'UN FILTRE OU D'UN SEPARATEUR SONIQUE**
[72] FERNALD, MARK R., US
[72] BAILEY, TIMOTHY J., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2013-08-02
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[54] **CHAMBRE ANNULAIRE DE COMBUSTION DE TURBOMACHINE COMPRENANT DES ORIFICES DE DILUTION AMELIORES**
[72] LEBLOND, NICOLAS CHRISTIAN RAYMOND, FR
[72] BUNEL, JACQUES MARCEL ARTHUR, FR
[72] LAINS, DOMINIQUE MAURICE JACQUES, FR
[73] SNECMA, FR
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[54] **CONVOYEUR A ENTRAINEMENT SUPERIEUR TRANSPORTABLE**
[72] WILCOX, BRIAN, CA
[72] FRIESEN, DAVE, CA
[72] MANNING, CHRIS, CA
[72] BRAUN, RON, CA
[72] JASPERS, BRAYDEN, CA
[73] AG GROWTH INTERNATIONAL INC., CA
[86] (2827356)
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[54] **TRANSFERT D'INFORMATIONS CONTEXTUELLES POUR UN EQUIPEMENT D'UTILISATEUR PASSANT A UN ETAT DE FAIBLE TRAFIC**
[72] QIANG, ZU QIANG, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **METHOD FOR ACQUIRING SEISMIC DATA**
[54] **PROCEDE D'ACQUISITION DE DONNEES SISMIQUES**
[72] GEREA, CONSTANTIN, FR
[72] MOUGENOT, JEAN-MARC, FR
[72] CLEMENT, FRANCIS, FR
[73] TOTAL SA, FR
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[86] 2012-02-20 (PCT/FR2012/050358)
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[54] **FOAMABLE FORMULATION**
[54] **FORMULATION EXPANSIBLE**
[72] BUYUKTIMKIN, SERVET, US
[72] BUYUKTIMKIN, NADIR, US
[72] KISAK, EDWARD T., US
[72] SINGH, JAGAT, CA
[72] NEWSAM, JOHN M., US
[72] KING-SMITH, DOMINIC, US
[72] GALER, BRADLEY S., US
[73] NUVO PHARMACEUTICALS INC., CA
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[54] **IMPLANT, ESPECIALLY FOR THE OCCLUSION OF BIFURCATION ANEURYSMS**
[54] **IMPLANT UTILISE NOTAMMENT POUR L'OCCLUSION D'ANEVRISMES DE BIFURCATION**
[72] HANNES, RALF, DE
[72] MONSTADT, HERMANN, DE
[73] PHENOX GMBH, DE
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[54] **IMPROVED DEVICE LOCATION DETECTION**
[54] **DETECTION AMELIOREE DE LA POSITION D'UN DISPOSITIF**
[72] MAIA, EDUARDO DE MELLO, US
[72] WYATT, STUART ALAN, US
[72] SOMUAH, HENRY HOOPER, US
[72] SARETTO, CESARE JOHN, US
[72] LYNCH, DILLON SHANE, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **A DEVICE FOR ADJUSTING A PRESS NIP**
[54] **DISPOSITIF POUR AJUSTER UNE LIGNE DE PRESSAGE**
[72] LUNDBERG, JORGEN, SE
[72] ODMARK, LEIF, SE
[73] VALMET AB, SE
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[54] **NON-CONTACT MEASURING METHOD AND APPARATUS IN PEDIATRICS**
[54] **METHODE DE MESURE SANS CONTACT ET APPAREIL DE PEDIATERIE**
[72] YIN, SHI, CA
[73] IMAGE TECHNOLOGY INC., CN
[86] (2830889)
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[54] **METHOD AND SYSTEM FOR MEASURING THE VARIATION IN SPEED OF A MOVING BODY**
[54] **METHODE ET SYSTEME DE MESURE DE VARIATION DE VITESSE D'UN CORPS MOBILE**
[72] CLARISSOU, YVES, FR
[73] SIEMENS S.A.S., FR
[85] 2013-09-27
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[54] **OUTLET SEAL FOR THE CATHODE BARS OF AN ALUMINIUM ELECTROLYTIC CELL**
[54] **JOINT DE SORTIE DESTINE A DES BARRES DE CATHODE D'UNE PILE ELECTROLYTIQUE D'ALUMINIM**
[72] CARROLL, TONY, US
[72] POPOV, YURI NIKOLAEVICH, RU
[73] MID-MOUNTAIN MATERIALS, INC., US
[85] 2013-10-21
[86] 2011-12-26 (PCT/RU2011/001025)
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[54] **RECOMMENDING DIGITAL CONTENT BASED ON IMPLICIT USER IDENTIFICATION**
[54] **RECOMMANDATION DE CONTENU NUMERIQUE SUR LA BASE D'UNE IDENTIFICATION D'UTILISATEUR IMPLICITE**
[72] KRISHNAMURTHY, SATISH KUMAR, US
[72] FUNGE, JOHN, US
[72] HUNT, NEIL D., US
[72] YELLIN, TODD SCOT, US
[72] SANDERS, JONATHAN MICHAEL, US
[73] NETFLIX, INC., US
[85] 2013-10-07
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[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING FLAZASULFURON AND AN INHIBITOR OF PROTOPORPHYRINOGEN OXIDASE**
[54] **COMPOSITION HERBICIDE COMPRENANT DU FLAZASULFURON ET UN INHIBITEUR DE LA PROTOPORPHYRINOGENE OXYDASE**
[72] YAMADA, RYU, JP
[72] OKAMOTO, HIROYUKI, JP
[72] TERADA, TAKASHI, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2013-10-09
[86] 2012-04-06 (PCT/JP2012/060090)
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[54] **SOURCE DE PULVERISATION HAUTE PUISSANCE**
[72] KRASSNITZER, SIEGFRIED, AT
[72] RUHM, KURT, LI
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2013-10-21
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[54] **METHOD FOR SUPPLYING SEQUENTIAL POWER IMPULSES**
[54] **PROCEDE PERMETTANT DE FOURNIR DES IMPULSIONS DE PUISSANCE SEQUENTIELLES**
[72] KRASSNITZER, SIEGFRIED, CH
[72] LENDI, DANIEL, CH
[72] LECHTHALER, MARKUS, AT
[72] RUHM, KURT, LI
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[54] **LEVEL SENSING**
[54] **DETECTION DE NIVEAU**
[72] ESTRADA, JESUS, US
[73] XYLEM IP HOLDINGS LLC, US
[85] 2013-10-31
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[25] EN
[54] **NATURAL HAIR DYES**
[54] **TEINTURES POUR CHEVEUX NATURELLES**
[72] BLACKBURN, RICHARD SIMON, GB
[72] ROSE, PAUL MARTIN, GB
[72] RAYNER, CHRISTOPHER MARK, GB
[73] UNIVERSITY OF LEEDS, GB
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[54] **PACKING COIL**
[54] **SERPENTIN DE GARNITURE**
[72] LE, JAKE, US
[72] BOWMAN, HEATH, US
[73] MICROVENTION, INC., US
[85] 2013-11-07
[86] 2012-05-11 (PCT/US2012/037633)
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[25] EN
[54] **APPARATUS AND METHODS FOR MEDIA ACCESS CONTROL REPLACEMENT**
[54] **APPAREIL ET PROCEDES POUR LE REMPLACEMENT D'UN CONTROLE D'ACCES AU SUPPORT**
[72] WENTINK, MAARTEN MENZO, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] MERLIN, SIMONE, US
[72] AWATER, GEERT, US
[72] TAGHAVI NASRABADI, MOHAMMAD H., US
[72] QUAN, ZHI, US
[72] SAMPATH, HEMANTH, US
[72] ASTERJADHI, ALFRED, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-11-07
[86] 2012-05-18 (PCT/US2012/038699)
[87] (WO2012/159082)
[30] US (61/487,814) 2011-05-19
[30] US (61/506,779) 2011-07-12
[30] US (61/514,365) 2011-08-23
[30] US (61/566,535) 2011-12-02
[30] US (61/569,653) 2011-12-12
[30] US (61/579,179) 2011-12-22
[30] US (61/584,419) 2012-01-09
[30] US (61/588,706) 2012-01-20
[30] US (61/595,487) 2012-02-06
[30] US (61/602,754) 2012-02-24
[30] US (61/606,271) 2012-03-02
[30] US (61/637,042) 2012-04-23
[30] US (61/642,252) 2012-05-03
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[25] EN
[54] **PROCESS FOR PRODUCING AMMONIA AND UREA**
[54] **PROCEDE DE PRODUCTION D'AMMONIAC ET D'UREE**
[72] IAQUANIELLO, GAETANO, IT
[72] CUCCHIELLA, BARBARA, IT
[72] ANTONETTI, ELENA, IT
[73] STAMICARBON B.V. ACTING UNDER THE NAME OF MT INNOVATION CENTER, NL
[85] 2013-11-08
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[25] EN
[54] **CHEMICAL REAGENTS FOR THE ACTIVATION OF POLYSACCHARIDES IN THE PREPARATION OF CONJUGATE VACCINES**
[54] **REACTIFS CHIMIQUES POUR L'ACTIVATION DES POLYSACCHARIDES DANS LA PREPARATION DE VACCINS CONJUGUES**
[72] LEES, ANDREW, US
[73] FINA BIOSOLUTIONS, LLC, US
[86] (2836154)
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[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **ANTISTATIC COMPOSITIONS COMPRISING A THERMOPLASTIC POLYESTER AND A MIXTURE OF ANTISTATIC ADDITIVES**
[54] **COMPOSITIONS ANTISTATIQUES COMPRENANT UN POLYESTER THERMOPLASTIQUE ET UN MELANGE D'ADDITIFS ANTISTATIQUES**
[72] KOLDITZ, PIRKO, DE
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2013-11-27
[86] 2012-04-05 (PCT/EP2012/001607)
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[54] **SYSTEME DE DETECTION DE BAIN D'ALUMINIUM A PIQUEUR DE CROUTE**
[72] BEAULIEU, GILLES, CA
[73] MAC VALVES, INC., US
[85] 2013-11-28
[86] 2012-06-12 (PCT/US2012/042016)
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[25] EN
[54] **STABLE FORMULATIONS OF A HYALURONAN-DEGRADING ENZYME**
[54] **FORMULATIONS STABLES D'ENZYME DE DEGRADATION D'HYALURONANE**
[72] YANG, TZUNG-HORNG, US
[72] LABARRE, MICHAEL JAMES, US
[72] VAUGHN, DANIEL EDWARD, US
[72] CASTER, CHRISTOPHER L., US
[72] NICOL, FRANCOIS, US
[72] KIM, DONGHYUN, US
[73] HALOZYME, INC., US
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[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING PYROXASULFONE IN COMBINATION WITH FLAZASULFURON TO CONTROL UNDESIRABLE PLANTS**
[54] **COMPOSITIONS HERBICIDES RENFERMANT DU PYROXASULFON EN COMBINAISON AVEC DU FLAZASULFURON POUR CONTROLER LES PLANTES INDESIRABLES**
[72] YAMADA, RYU, JP
[72] OKAMOTO, HIROYUKI, JP
[72] TERADA, TAKASHI, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[54] **GESTION DU SODIUM POUR SYSTEMES DE DIALYSE**
[72] DING, YUANPANG SAMUEL, US
[72] LIN, RONGSHENG, US
[72] LO, YING-CHENG, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
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[54] **COLLECTING AND TRANSMITTING CONTROL SOURCE ELECTROMAGNETIC SIGNALS**
[54] **COLLECTE ET TRANSMISSION DE SIGNAUX ELECTROMAGNETIQUES D'UNE SOURCE DE COMMANDE**
[72] KALISH, ALEXANDER, US
[73] DEEP IMAGING TECHNOLOGIES, INC., US
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[25] EN
[54] **METHODS AND DEVICES FOR ANALYZING GASES IN WELL-RELATED FLUIDS USING FOURIER TRANSFORM INFRARED (FTIR) SPECTROSCOPY**
[54] **PROCEDES ET DISPOSITIFS POUR ANALYSE DE GAZ DANS DES FLUIDES LIES AUX PUITS A L'AIDE DE LA SPECTROSCOPIE INFRAROUGE A TRANSFORMEE DE FOURIER**
[72] EDDY, MICHAEL A., CA
[72] HAIBACK, FREDERICK G., US
[72] DEUTSCH, ERIK R., US
[73] TOTAL GAS DETECTION LTD., CA
[86] (2841277)
[87] (2841277)
[22] 2014-01-28
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[54] **METHOD AND DEVICE FOR EMERGENCY KILLING OF AN UNDERWATER OIL/GAS WELL**
[54] **PROCEDE DE COLMATAGE D'UN PUITS SOUS-MARIN ET DISPOSITIF DE MISE EN OEUVRE**
[72] MATSUR, IGOR YURIEVICH, RU
[73] MATSUR, IGOR YURIEVICH, RU
[85] 2014-01-13
[86] 2011-05-11 (PCT/RU2011/000319)
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[54] **HEAT DISSIPATING COMPONENT FOR SEMICONDUCTOR ELEMENT**
[54] **COMPOSANT DE DISSIPATION DE CHALEUR POUR ELEMENT SEMI-CONDUCTEUR**
[72] HIROTSURU, HIDEKI, JP
[72] TSUKAMOTO, HIDEO, JP
[72] ISHIHARA, YOSUKE, JP
[73] DENKA COMPANY LIMITED, JP
[85] 2014-01-28
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[54] **MULTIPOINT PINCH GESTURE CONTROL OF SEARCH RESULTS**
[54] **COMMANDE DE GESTES DE PINCEMENT MULTIPOINT DE RESULTATS DE RECHERCHE**
[72] YUAN, HAN-SHEN, US
[72] MELCHER, RYAN, US
[72] YANKOVICH, STEVE, US
[73] EBAY INC., US
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[54] **FC-FREE ANTIBODIES COMPRISING TWO FAB FRAGMENTS AND METHODS OF USE**
[54] **ANTICORPS SANS FC COMPRENANT DEUX FRAGMENTS FAB ET PROCEDES D'UTILISATION**
[72] BRUENKER, PETER, CH
[72] JAEGER, CHRISTIANE, CH
[72] KLEIN, CHRISTIAN, CH
[72] SCHAEFER, WOLFGANG, DE
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[54] **ECROU RONDELLE ET TETE DE FIXATION POUR PROTECTION CONTRE LES EFFETS ELECTROMAGNETIQUES**
[72] WHITLOCK, RICHARD P., US
[72] CORONADO, PETER A., US
[72] MORDEN, SEAN D., US
[72] DREXLER, JULIE M., US
[72] ROGERS, RANDALL A., US
[72] WOODS, MARK A., US
[72] LOWE, THOMAS J., US
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[54] **COMPOSITION D'EXTINCTION D'INCENDIE RENFERMANT UN COMPOSE ACIDE ORGANIQUE**
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[73] XI'AN WESTPEACE FIRE TECHNOLOGY CO., LTD., CN
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[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN RESEAU THERMIQUE**
[72] SWANSON, CAL T., US
[72] SCHMIDT, PHILLIP S., US
[72] LEMKE, JOHN F., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[54] **A SHOCK ABSORBER, RELATED METHODS AND APPARATUSES**
[54] **AMORTISSEUR, PROCEDES CONNEXES ET APPAREILS**
[72] ASH, SIMON CHRISTOPHER, GB
[72] GILHOOLEY, NEILL, GB
[72] BANTON, NEIL JOHN, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
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[54] **SYSTEME DE RESEAU THERMIQUE**
[72] SWANSON, CAL T., US
[72] SCHMIDT, PHILLIP S., US
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[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[54] **APPAREIL ELECTROCHROMIQUE TRANSPARENT ET FLEXIBLE ET METHODE DE PREPARATION DE CELUI-CI**
[72] POSSET, UWE, DE
[72] HERBIG, BETTINA, DE
[72] SCHOTTNER, GERHARD, DE
[72] RUFFO, RICCARDO, IT
[72] SALAMONE, MATTEO MARCO, IT
[72] MARI, CLAUDIO MARIA, IT
[72] BEVERINA, LUCA, IT
[72] PAGANI, GIORGIO, IT
[72] ZAGHIB, KARIM, CA
[72] LABRECQUE, JEAN-FRANCOIS, CA
[72] GUERFI, ABDELBAST, CA
[72] PERRIER, MICHEL, CA
[72] DONTIGNY, MARTIN, CA
[73] HYDRO-QUEBEC, CA
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[54] **BISEAU ECHELONNE POUR POINCONS D'OUTILLAGE DE MOULAGE EN COMPRESSION CONTINUE**
[72] PREBIL, CHARLES RICHARD, US
[72] WILKERSON, RANDALL DOW, US
[72] FROESCHNER, NEAL, US
[73] THE BOEING COMPANY, US
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[54] **DISPOSITIF ET PROCEDE DE REVETEMENT DE TUBE**
[72] KIM, SANGWHEE, KR
[72] KIM, EUNJUNG, KR
[72] SHIN, YOUNG-IL, KR
[72] CHO, SEONG HO, KR
[72] PARK, JINHYUNG, KR
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[54] **COATING MATERIAL FOR ACHIEVING SOUND-DAMPENING AND METHOD FOR THE SAME**
[54] **MATERIAU DE REVETEMENT POUR OBTENIR UNE INSONORISATION ET SON PROCEDE**
[72] BILOTTO, JOHN, US
[72] PULCIANI, RICHARD J., SR., US
[72] PULCIANI, RICHARD J., JR., US
[72] LANE, R. KERRY, US
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[54] **LIPOSOMES CIBLES PAR UN FOLATE**
[72] CAVACO PAULO, ARTUR MANUEL, PT
[72] LOPES PRETO DE ALMEIDA, ANA ARMINDA, PT
[72] DA COSTA NOGUEIRA, EUGENIA SOFIA, PT
[72] FERREIRA CASTRO GOMES, ANDREIA, PT
[73] UNIVERSIDADE DO MINHO, PT
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[54] **FAN NOZZLE DRIVE SYSTEMS THAT LOCK THRUST REVERSERS**
[54] **SYSTEMES D'ENTRAINEMENT A BUSE A JET PLAT QUI VERROUILLENT DES INVERSEURS DE POUSSEE**
[72] BURGHDOFF, MICHAEL J., US
[72] FARSTAD, JERRY EDWARD, US
[73] THE BOEING COMPANY, US
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[54] **SYSTEMS, COMPOSITIONS, AND METHODS FOR LOCAL IMAGING AND TREATMENT OF PAIN**
[54] **SYSTEMES, COMPOSITIONS ET PROCEDES POUR REPRESENTER LOCALEMENT ET TRAITER LA DOULEUR**
[72] BRADFORD, DAVID S., US
[72] LOTZ, JEFFREY C., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] NEAG, DORINEL, US
[72] WILLYARD, DENNIS G., US
[73] FCA US LLC, US
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[54] **SYSTEME D'EXTINCTEUR ANTI-INCENDIE STOCKE SUR ETAGERES**
[72] MULTER, THOMAS, US
[72] PAHILA, OLIVER, US
[73] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US
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[54] **REINFORCED COMPOSITE STRUCTURES FOR AIRCRAFTS AND METHODS FOR MAKING THE SAME**
[54] **STRUCTURES COMPOSITES RENFORCEES POUR AVIONS ET LEURS PROCEDES DE FABRICATION**
[72] REIGHLEY, JOHN EVERETT, US
[72] HORNICK, DAVID CHARLES, US
[72] FOOSE, ANDREW, US
[72] AITKEN, CHARLES OWEN, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
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[54] **ELEVATED PLATFORM SYSTEM INCLUDING RESTRAINING SYSTEMS AND VISION SYSTEM**
[54] **SYSTEME DE PLATEFORME ELEVEE COMPORTANT DES SYSTEMES DE RETENUE ET UN SYSTEME DE VISION**
[72] VANCE, JONATHAN B., US
[72] DORRIS, STEVEN A., US
[72] SALOUR, AL, US
[72] TRIMBLE, DOUGLAS D., US
[73] THE BOEING COMPANY, US
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[54] **BARRES DE POINT CACHEES DOUBLES**
[72] DORSEY-PALMATEER, JOHN WILLARD, US
[72] KENNEDY, MICHAEL RICHARD, US
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[54] **LED LIGHTING SYSTEMS**
[54] **SYSTEMES D'ECLAIRAGE A DEL**
[72] CAMPBELL, GREGORY, US
[72] HAMEL, YVAN, CA
[72] RACINE, PHILIPPE, CA
[72] FRANZOSA, PAUL, US
[72] SHEA, CASEY, US
[72] ANDERSON, JAMES WILLIAM, CA
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[54] **TIME DOMAIN MEASURING METHOD WITH CALIBRATION IN THE FREQUENCY DOMAIN**
[54] **PROCEDE DE MESURE CONCERNANT LE DOMAINE TEMPOREL ET COMPORTANT UN ETALONNAGE DANS LE DOMAINE FREQUENTIEL**
[72] ZIETZ, CHRISTIAN, DE
[72] ARMBRECHT, GUNNAR, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **PROCESS FOR PREPARING A KETOSULFONE DERIVATIVE**
[54] **PROCEDE DE PREPARATION D'UN DERIVE DE CETOSULFONE**
[72] MELOTTO, ELISA, IT
[72] MICHIELETTO, IVAN, IT
[72] FREGA, VINCENZO, IT
[72] COTARCA, LIVIUS, IT
[72] VERZINI, MASSIMO, IT
[72] MASSACCESI, FRANCO, IT
[72] MUNARI, ILARIA, IT
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[54] **PROCEDE DE NOTIFICATION DE BS DE N□UD DANS UNE TRANSMISSION MULTIPOINT**
[72] SHI, NIANSHAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR AUTOLOGOUS GERMLINE MITOCHONDRIAL ENERGY TRANSFER**
[54] **COMPOSITIONS ET METHODES DE TRANSFERT D'ENERGIE AUTOLOGUE DES MITOCHONDRIES DANS LES CELLULES GERMINALES**
[72] TILLY, JONATHAN LEE, US
[72] WOODS, DORI C., US
[73] THE GENERAL HOSPITAL CORPORATION, US
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[54] **GASTROINTESTINAL SITE-SPECIFIC ORAL VACCINATION FORMULATIONS ACTIVE ON THE ILEUM AND APPENDIX**
[54] **FORMULATIONS DE VACCINATION ORALE SPECIFIQUES A UN SITE GASTRO-INTESTINAL ACTIVES SUR L'ILEON ET L'APPENDICE**
[72] SCHENTAG, JEROME, US
[72] KABADI, MOHAN, US
[73] THERABIOME, LLC, US
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[54] **COMPOSANTE DE FIBRE COMPOSITE DESTINEE A UNE PALE DE ROTOR**
[72] FLACH, CHRISTIAN, DE
[73] SENVION SE, DE
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[72] YOUNG, BRIAN, CA
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[54] **INTERFACE UTILISATEUR GRAPHIQUE POUR UN SYSTEME DE JEU**
[72] DEROME, JOHN NICHOLAS, FI
[72] LEPPINEN, LASSI, FI
[73] SUPERCELL OY, FI
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[54] **SYSTEMES ET PROCEDES PERMETTANT UNE DISTRIBUTION DES DONNEES STRUCTUREE ET EVOLUTIVE**
[72] VOSS, MATTHEW, US
[72] MAVURAM, VISHNU, US
[72] COHEN, SCOTT, US
[73] GOLDMAN SACHS & CO. LLC, US
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[54] **CASQUE DE PROTECTION MECANIQUE, ELECTRIQUE ET CONTRE LES AGRESSIONS THERMIQUES, POUR ELECTRICIENS**
[72] HILLION, NICOLAS, CA
[73] SOCIETE ANONYME DES ETS CATU, FR
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[54] **COMPOSITIONS AND METHODS COMPRISING ENERGY ABSORBING MATERIALS FOR FOLLICULAR DELIVERY**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES SUBSTANCES ABSORBANT L'ENERGIE POUR APPLICATIONS FOLLICULAIRES**
[72] PAITHANKAR, DILIP, US
[72] BLOMGREN, RICHARD DEAN, US
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[72] DOUKAS, APOSTOLOS G., US
[73] THE GENERAL HOSPITAL CORPORATION, US
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[54] **MICROSPHERES CRISTALLINES ET LEUR PROCEDE DE FABRICATION**
[72] PROPST, CECIL W., US
[72] MEADOWS, MARC W., US
[72] TODD, MICHAEL S., US
[73] SPI PHARMA, INC., US
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[86] 2013-04-25 (PCT/US2013/038257)
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[30] US (61/638,073) 2012-04-25
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[54] **GENERATEUR SYNCHRONE OPTIMISE D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] ROER, JOCHEN, DE
[72] GUDEWER, WILKO, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-11-07
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[73] ACTEGY LIMITED, GB
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[54] **ENSEMBLE DE DISTRIBUTION POUR MACHINES POUR LA PREPARATION DE BOISSONS A L'AIDE DE CAPSULES**
[72] ROTTA, DENIS, IT
[72] TORNINCASA, STEFANO, IT
[72] BONISOLI, ELVIO, IT
[72] CABILLI, ALBERTO, IT
[72] BUGNANO, LUCA, IT
[73] LUIGI LAVAZZA S.P.A., IT
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[54] **ENTRETIEN ET CHARGE D'UNE BATTERIE AVEC UN CONTROLE DE BATTERIE DEFECTUEUX**
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[72] LIEDHEGNER, JOSEPH E., US
[73] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
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[54] **PROCEDE ET SYSTEME DESTINES A LA GESTION D'ENERGIE FONDEE SUR L'ETAT DES SYSTEMES DE SUIVI DE BIENS POUR DES BIENS NON FIXES**
[72] BARNES, SHARON ANN IRMA, CA
[72] BROOKS, MARTY CHARLES, CA
[73] TRAPEZE SOFTWARE ULC, CA
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[54] **SYSTEME ET PROCEDE DE PRODUCTION AUTOMATISEE, APPLICATION ET EVALUATION DE COMPOSITIONS DE REVETEMENT**
[72] LEWIS, MARK D., US
[72] ROBERTSON, WALTER J., US
[72] KIMBRO, MARY, US
[72] GOODNOW, NATHAN, US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **POUDRE DE FER POUR NOYAU MAGNETIQUE A POUDRE, ET PROCEDE DE PRODUCTION DE NOYAU MAGNETIQUE A POUDRE**
[72] MITANI, HIROYUKI, JP
[72] MIYAMURA, TAKEO, JP
[72] HOJO, HIROFUMI, JP
[72] KAMIJO, TOMOTSUNA, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **SURVEILLANCE ET DIAGNOSTIC DE RESERVOIRS A INJECTION D'EAU AU MOYEN DE DONNEES DE PRODUCTION**
[72] CARVAJAL, GUSTAVO, US
[72] VASHISTH, DHRUV, US
[72] WANG, FENG, US
[72] CULLICK, ALVIN S., US
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[54] **MECANISME D'ENROULEMENT D'UN STORE DE FENETRE ET SYSTEME D'ENROULEMENT AYANT UN MECANISME DE RETOURNEMENT A EMBRAYAGE A DENTS**
[72] ZHANG, YIFEI, CN
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[73] HANGZHOU WOKASOLAR TECHNOLOGY CO., LTD., CN
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[54] **ENSEMBLE CHAISE RECOUVERT D'UN REMBOURRAGE**
[72] PETERSON, GORDON J., US
[72] BATTEY, ROBERT J., US
[73] STEELCASE INC., US
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[72] FRIEDERICHS, HEIKO, DE
[73] BETEK GMBH & CO. KG, DE
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[54] **PLANCHER DE BOIS HYBRIDE LAMINE COMPORTANT DES BANDES DE BOIS DISPOSEES DANS UN MOTIF POUR REMORQUES DE VEHICULE**
[72] PADMANABHAN, GOPALKRISHNA, US
[72] VANGILDER, JAMES N., US
[72] BADER, M. BRUCE, US
[73] HAVCO WOOD PRODUCTS, LLC, US
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[54] **SYSTEME MOBILE DE TRAITEMENT DE FLUIDE ET APPAREIL ASSOCIE**
[72] MCPHEE, MICHAEL B., US
[73] UNIPURE CORPORATION, US
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[54] **TRAITEMENT D'IMAGE COMPRENANT LA SELECTION D'OBJETS**
[72] FOLKENS, BRADFORD A., US
[72] MAZUR, DOMINIK K., US
[73] CLOUDSIGHT, INC., US
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[54] **TRAITEMENT D'UN DYSFONCTIONNEMENT DE L'AGENT TENSIOACTIF PULMONAIRE A L'AIDE DE CYCLODEXTRINES DE SEQUESTRATION DU CHOLESTEROL**
[72] AMREIN, MATHIAS W., CA
[72] GUNASEKARA, LASANTHA C., CA
[72] PRATT, RYAN, CA
[73] SOLAEROMED INC., CA
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[54] **ICON-BASED HOME CERTIFICATION, IN-HOME LEAKAGE TESTING, AND ANTENNA MATCHING PAD**
[54] **CERTIFICATION A DOMICILE FONDEE SUR DES ICONES, PROCEDE DE RECHERCHE DE FUITES A L'INTERIEUR D'UN DOMICILE, ET PAD D'APPARIEMENT D'ANTENNES**
[72] BUSH, TERRY W., US
[72] BUSH, JOHN JOSEPH, US
[72] SUN, DEXIN, US
[73] VIAVI SOLUTIONS, INC., US
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[54] **METHOD FOR OPERATING A WIND ENERGY INSTALLATION, AND WIND ENERGY INSTALLATION**
[54] **PROCEDE D'EXPLOITATION D'UNE EOLIENNE ET EOLIENNE**
[72] LEWEKE, HENNING, DE
[72] WARFEN, KARSTEN, DE
[73] SENVION SE, DE
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[54] **CATHETER DE RETRAIT DE TISSU AYANT UN ELEMENT DE COUPE ROTATIF**
[72] GUGGENHEIMER, ETHAN A., US
[72] SCHNEIDER, LUCAS, US
[72] MCPEAK, THOMAS, US
[72] FRULAND, BENJAMIN, US
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[54] **DISPOSITIF TERMINAL, METHODE DE COMMUNICATION ET CIRCUIT INTEGRE**
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[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] IMAMURA, KIMIHIKO, JP
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[54] **TITANIUM OR TITANIUM ALLOY FOR FUEL CELL SEPARATOR HAVING HIGH CONTACT CONDUCTIVITY WITH CARBON AND HIGH DURABILITY, FUEL CELL SEPARATOR INCLUDING THE SAME, AND FUEL CELL**
[54] **TITANE OU ALLIAGE DE TITANE UTILISE POUR UN SEPARATEUR DE PILE A COMBUSTIBLE AYANT UNE EXCELLENTE CONDUCTIVITE DE CONTACT AU CARBONE ET UNE EXCELLENTE LONGEVITE, SEPARATEUR DE PILE A COMBUSTIBLE L'UTILISANT ET PILE A COMBUSTIBLE**
[72] NISHIMOTO, TAKUMI, JP
[72] KIHIRA, HIROSHI, JP
[72] TOKUNO, KIYONORI, JP
[72] KAGAWA, TAKU, JP
[72] TANAKA, KOKI, JP
[72] TAKAHASHI, KAZUHIRO, JP
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[54] **DISPOSITIFS MEDICAUX A RESEAU DE PIXELS ET PROCEDES**
[72] KNOWLTON, EDWARD, US
[73] SRGI HOLDINGS LLC, US
[85] 2015-06-08
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[54] **MUR MITOYEN ET MUR D'EXTREMITE PREFABRIQUES**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[73] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
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[54] **INTEGRAL LIQUID COOLED LED LIGHT SOURCE FOR ENDOSCOPY AND SINGLE IRRIGATION/SUCTION AND POWER SUPPLY TUBING**
[54] **SOURCE DE LUMIERE ROUGE A LED REFROIDIE PAR UN LIQUIDE POUR ENDOSCOPIE ET TUBULURE UNIQUE D'IRRIGATION/ASPIRATION ET D'ALIMENTATION**
[72] TERMANINI, ZAFER, US
[73] JOINT INNOVATION TECHNOLOGY, LLC, US
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[54] **METHODS, SYSTEM AND APPARATUS FOR POINT OF SALE TRANSACTIONS**
[54] **PROCEDES, SYSTEME ET APPAREIL POUR DES TRANSACTIONS DE POINT DE VENTE**
[72] CAMP, ROY LEON, US
[73] EBAY INC., US
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[54] **VARIETE DE CONCOMBRE NUN 53016 CUP**
[72] SUELMANN, JOS J., NL
[73] NUNHEMS B.V., NL
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[87] (2895665)
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[54] **MECANISME DE PENE CACHE TRANSVERSAL**
[72] GRAHAM, MATTHEW S., US
[73] SCHLAGE LOCK COMPANY LLC, US
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[54] **FUEL CELL WITH WET STATE VALVE CONTROL**
[54] **PILE A COMBUSTIBLE DOTEE DE COMMANDE DE VANNE A L'ETAT HUMIDE**
[72] TAKEDA, HIROSHI, JP
[72] ASAI, YOSHITOMO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **SYSTEMS AND METHODS OF PERFORMING GAIN CONTROL**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER UN REGLAGE DE PUISSANCE DE SON**
[72] ATTI, VENKATRAMAN SRINIVASA, US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-06-29
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[30] US (61/762,803) 2013-02-08
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[51] **Int.Cl. G06F 17/00 (2006.01)**
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[54] **SYSTEMS AND METHODS TO MAP PAGE STATES**
[54] **SYSTEMES ET PROCEDES POUR APPARIER DES ETATS DE PAGE**
[72] SUKHTANKAR, NIKHIL DATTAKUMAR, US
[72] GUO, KEVIN, CN
[73] EBAY INC., US
[85] 2015-07-07
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[54] **CD20-SPECIFIC ANTIBODIES AND METHODS EMPLOYING SAME**
[54] **ANTICORPS SPECIFIQUES DE CD20 ET LEURS METHODES D'UTILISATION**
[72] TEDDER, THOMAS F., US
[72] UCHIDA, JUNJI, JP
[72] HAMAGUCHI, YASUHITO, US
[72] POE, JONATHAN C., US
[73] DUKE UNIVERSITY, US
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[54] **HARD SIDED WHEELED CASE WITH COMPRESSION-EXPANSION**
[54] **BOITIER A ROULETTE A COTE RIGIDE DOTE D'UN SOUFFLET**
[72] YEH, HERNG FUU RICHARD, US
[72] RADA, GEORGENE, US
[72] STICCA, ALAN, US
[73] BRIGGS & RILEY TRAVELWARE LLC, US
[86] (2897633)
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[13] C
[51] **Int.Cl. H04N 19/174 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO ENCODING FOR EACH SPATIAL SUB-AREA, AND METHOD AND APPARATUS FOR VIDEO DECODING FOR EACH SPATIAL SUB-AREA**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO DE CHAQUE SOUS-ZONE SPATIALE ET PROCEDE ET APPAREIL DE DECODAGE DE CHAQUE SOUS-ZONE SPATIALE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2898154)
[87] (2898154)
[22] 2013-01-30
[62] 2,868,723
[30] US (61/592,572) 2012-01-30

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[11] **2,898,516**
[13] C
[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/40 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SUCCINIC ACID ESTERS**
[54] **PROCEDE POUR LA PREPARATION D'ESTERS DE L'ACIDE SUCCINIQUE**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[72] VAN BREUGEL, JAN, NL
[73] PURAC BIOCHEM BV, NL
[85] 2015-07-16
[86] 2014-02-13 (PCT/EP2014/052825)
[87] (WO2014/125027)
[30] EP (13155241.6) 2013-02-14
[30] US (61/764,628) 2013-02-14

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[13] C
[51] **Int.Cl. F03D 17/00 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **CONTROL OF BLADE VIBRATIONS IN A WIND ENERGY PLANT**
[54] **CONTROLE DES VIBRATIONS DE PALE DANS UNE INSTALLATION D'ENERGIE EOLIENNE**
[72] KRAMER, BERTIN, DE
[73] SENVION SE, DE
[85] 2015-07-30
[86] 2014-01-21 (PCT/EP2014/000149)
[87] (WO2014/124725)
[30] DE (10 2013 202 261.1) 2013-02-12

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[13] C
[51] **Int.Cl. G01N 3/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR CLOSING AND SEALING THE OPEN END OF A PIPE**
[54] **APPAREIL POUR LA FERMETURE ET LE SCELLEMENT ETANCHE DE L'EXTREMITE OUVERTE D'UN TUYAU**
[72] BERUBE, GUY, CA
[72] BLAIR, TOM, CA
[72] UZONYI, DAVE, CA
[73] CAR-BER INVESTMENTS INC., CA
[85] 2015-07-31
[86] 2014-02-03 (PCT/CA2014/000079)
[87] (WO2014/117262)
[30] US (61/760,515) 2013-02-04

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[13] C
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 8/00 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR 3D RECONSTRUCTION OF A JOINT USING ULTRASOUND**
[54] **SYSTEME POUR RECONSTRUCTION TRIDIMENSIONNELLE (3D) D'UNE ARTICULATION UTILISANT D'ULTRASONS**
[72] MAHFOUZ, MOHAMED R., US
[72] WASIELEWSKI, RAY C., US
[73] JOINTVUE, LLC, US
[85] 2015-08-04
[86] 2014-02-04 (PCT/US2014/014526)
[87] (WO2014/121244)
[30] US (13/758,151) 2013-02-04

[11] **2,900,307**
[13] C
[51] **Int.Cl. C09K 8/506 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **FOAMED FRACTURING FLUIDS AND METHODS FOR TREATING HYDROCARBON-BEARING FORMATIONS**
[54] **FLUIDES DE FRACTURATION EXPANSES ET PROCEDES DE TRAITEMENT DE FORMATIONS CONTENANT DES HYDROCARBURES**
[72] NELSON, SCOTT GREGORY, US
[72] WHEELER, RICHARD, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-05
[86] 2014-01-29 (PCT/US2014/013565)
[87] (WO2014/163738)
[30] US (13/793,787) 2013-03-11

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[11] **2,901,457**
[13] C
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 33/115 (2016.01) A23L 33/15 (2016.01) A61K 31/202 (2006.01) A61K 31/355 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **A COMPOSITION FOR ENHANCING NEWBORN INFANT COGNITIVE, BRAIN AND/OR CNS DEVELOPMENT AND METHOD OF USING SAME**
[54] **COMPOSITION PERMETTANT D'AMELIORER LE DEVELOPPEMENT COGNITIF, DU CERVEAU ET/OU DU SNC D'UN NOUVEAU-NE ET SON PROCEDE D'UTILISATION**
[72] LAI, CHRON-SI, US
[72] KUCHAN, MATTHEW, US
[73] ABBOTT LABORATORIES, US
[85] 2015-08-14
[86] 2014-03-13 (PCT/US2014/025541)
[87] (WO2014/159967)
[30] US (61/778,974) 2013-03-13

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[13] C
[51] **Int.Cl. A61B 5/0428 (2006.01) A61B 5/0478 (2006.01)**
[25] EN
[54] **ELECTRODE AND LEAKAGE CURRENT TESTING IN AN EEG MONITOR WITH AN IMPLANTABLE PART**
[54] **TEST D'ELECTRODES ET DE COURANT DE FUITE DANS UN APPAREIL DE SURVEILLANCE D'EEG AU MOYEN D'UNE PARTIE IMPLANTABLE**
[72] KILSGAARD, SOREN, DK
[72] JENSEN, MORTEN HOLM, DK
[73] T&W ENGINEERING A/S, DK
[85] 2015-08-20
[86] 2013-02-27 (PCT/EP2013/053886)
[87] (WO2014/131438)

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[13] C
[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF RISK BASED RULES FOR APPLICATION CONTROL**
[54] **SYSTEMES ET PROCEDES REGLEMENTATION A BASE DE RISQUES POUR LE CONTROLE D'APPLICATIONS**
[72] HIBBERT, BRAD, CA
[72] SILVA, CHRIS, US
[73] BEYONDTRUST SOFTWARE, INC., US
[85] 2015-08-21
[86] 2014-02-18 (PCT/US2014/016976)
[87] (WO2014/130472)
[30] US (61/768,809) 2013-02-25
[30] US (14/156,375) 2014-01-15

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[13] C
[51] **Int.Cl. F16D 7/02 (2006.01) F16D 41/20 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **ISOLATOR DECOUPLER**
[54] **DECOUPLEUR ISOLATEUR**
[72] SERKH, ALEXANDER, US
[73] GATES CORPORATION, US
[85] 2015-08-24
[86] 2014-04-03 (PCT/US2014/032864)
[87] (WO2014/168815)
[30] US (13/860,736) 2013-04-11

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[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) G01S 19/49 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HEAVY EQUIPMENT NAVIGATION AND WORKING EDGE POSITIONING**
[54] **SYSTEME ET PROCEDE POUR NAVIGATION D'EQUIPEMENT LOURD ET POSITIONNEMENT DE BORD DE TRAVAIL**
[72] MORIN, KRISTIAN, CA
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2015-08-26
[86] 2014-02-28 (PCT/CA2014/050152)
[87] (WO2014/138951)
[30] US (13/833,508) 2013-03-15

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[13] C
[51] **Int.Cl. G01V 11/00 (2006.01) G01V 3/14 (2006.01)**
[25] EN
[54] **DETERMINING CONTINUOUS CAPILLARY PRESSURE CURVES FOR SUBSURFACE EARTH FORMATIONS USING SATURATION AND NMR LOG DATA**
[54] **DETERMINATION DE COURBES DE PRESSION CAPILLAIRE CONTINUE POUR FORMATIONS TERRESTRES SOUTERRAINES UTILISANT DES DONNEES DE SATURATION ET DE DIAGRAPHIE DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN)**
[72] AL IBRAHIM, MUSTAFA, SA
[72] MEZGHANI, MOKHLES MUSTAPHA, SA
[72] BUITING, JOHANNES JACOBUS MARIA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-09-01
[86] 2014-03-03 (PCT/US2014/019779)
[87] (WO2014/137863)
[30] US (13/790,619) 2013-03-08

[11] 2,905,908
[13] C
[51] Int.Cl. F15B 7/04 (2006.01) E04G 25/02 (2006.01)
[25] EN
[54] UNIVERSAL WEDGE CLAMP
[54] DISPOSITIF DE SERRAGE A COIN UNIVERSEL
[72] BACON, DAVID L., US
[73] TITAN FORMWORK SYSTEMS, LLC, US
[85] 2015-09-11
[86] 2014-03-12 (PCT/US2014/023974)
[87] (WO2014/159512)
[30] US (61/781,412) 2013-03-14

[11] 2,906,161
[13] C
[51] Int.Cl. G16H 10/60 (2018.01) G16H 20/10 (2018.01) A61J 7/00 (2006.01) G07F 9/02 (2006.01)
[25] EN
[54] AUTOMATED METHOD OF RECORDING CONTENTS OF MEDICATION PACKAGES VENDED FROM A PLURALITY OF VENDING MACHINES IN AN ELECTRONIC RECORD THAT STORES RECORDS FOR A PLURALITY OF PATIENTS ASSOCIATED WITH RESPECTIVE VENDING MACHINES
[54] PROCEDE AUTOMATISE D'ENREGISTREMENT DU CONTENU DE PAQUETS DE MEDICAMENTS VENDUS PAR UNE PLURALITE DE DISTRIBUTEURS DANS UN FICHIER ELECTRONIQUE QUI STOCKE DES ENREGISTREMENTS D'UNE PLURALITE DE PATIENTS ASSOCIES A DES DISTRIBUTEURS RESPECTIFS
[72] FELDMAN, JOEL F., US
[72] GREEN, YEARDLEY W., US
[72] FELDMAN, STANLEY I. H., US
[72] SWEETER, JEFFREY C., US
[73] MEDHERENT, LLC, US
[85] 2015-09-11
[86] 2014-03-17 (PCT/US2014/030316)
[87] (WO2014/145526)
[30] US (61/794,777) 2013-03-15
[30] US (13/847,710) 2013-03-20

[11] 2,906,965
[13] C
[51] Int.Cl. G01N 33/483 (2006.01) G01N 33/53 (2006.01)
[25] EN
[54] SRM ASSAY TO INDICATE CANCER THERAPY
[54] DOSAGE SRM AFIN D'INDIQUER UNE THERAPIE CONTRE LE CANCER
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[72] LIAO, WEI-LI, US
[73] EXPRESSION PATHOLOGY, INC., US
[85] 2015-09-14
[86] 2014-03-18 (PCT/US2014/031138)
[87] (WO2014/146139)
[30] US (61/791,833) 2013-03-15

[11] 2,907,101
[13] C
[51] Int.Cl. F16B 41/00 (2006.01) E21B 43/00 (2006.01) F16J 15/00 (2006.01)
[25] EN
[54] THERMAL SECURING SET SCREWS
[54] VIS D'ENSEMBLE DE FIXATION THERMIQUE
[72] AITKEN, LIAM ANDREW, US
[72] GRECI, STEPHEN MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-15
[86] 2013-05-21 (PCT/US2013/042034)
[87] (WO2014/189493)

[11] 2,907,350
[13] C
[51] Int.Cl. B60R 16/02 (2006.01) B60L 11/18 (2006.01)
[25] EN
[54] EXTERNAL POWER SUPPLY SYSTEM OF FUEL CELL MOUNTED VEHICLE AND CONTROL METHOD THEREFOR
[54] DISPOSITIF D'ALIMENTATION ELECTRIQUE EXTERNE D'UN VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE
[72] MATSUBARA, YASUO, JP
[72] UMAYAHARA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2907350)
[87] (2907350)
[22] 2015-10-05
[30] JP (2014-218334) 2014-10-27

[11] 2,908,231
[13] C
[51] Int.Cl. H01M 8/0432 (2016.01) H01M 8/04828 (2016.01)
[25] EN
[54] RESIDUAL WATER SCAVENGING PROCESSING METHOD IN FUEL CELL SYSTEM AND FUEL CELL SYSTEM
[54] METHODE DE TRAITEMENT DE RECUPERATION D'EAU RESIDUELLE DANS UN DISPOSITIF DE PILE A COMBUSTIBLE ET DISPOSITIF DE PILE A COMBUSTIBLE
[72] NAGANUMA, YOSHIAKI, JP
[72] TOIDA, MASASHI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2908231)
[87] (2908231)
[22] 2015-10-09
[30] JP (2014-227017) 2014-11-07

[11] 2,908,354
[13] C
[51] **Int.Cl. G06F 9/448 (2018.01) G06F 9/451 (2018.01)**
[25] EN
[54] **APPLICATION-TAILORED OBJECT RE-USE AND RECYCLING**
[54] **REUTILISATION ET RECYCLAGE D'OBJET DEFINI POUR UNE APPLICATION**
[72] DU, QIXING, US
[72] BHAT, ASHWIN, US
[72] KALDOR, JONATHAN M., US
[72] PENG, I. CHIEN, US
[72] LI, JOSHUA, US
[72] ZHANG, KANG, US
[73] FACEBOOK, INC., US
[85] 2015-09-29
[86] 2014-04-03 (PCT/US2014/032793)
[87] (WO2014/168809)
[30] US (13/861,250) 2013-04-11

[11] 2,908,447
[13] C
[51] **Int.Cl. C22C 38/16 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/08 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01)**
[25] EN
[54] **STEEL PLATE RESISTANT TO ZINC-INDUCED CRACK AND MANUFACTURING METHOD THEREFOR**
[54] **TOLE D'ACIER PRESENTANT UNE RESISTANCE A LA FISSURATION INDUITE PAR LE ZINC ET SON PROCEDE DE PRODUCTION**
[72] LIU, ZICHENG, CN
[72] WU, YONG, CN
[72] LI, XIANJU, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-09-30
[86] 2014-03-05 (PCT/CN2014/072890)
[87] (WO2014/201877)
[30] CN (201310244713.8) 2013-06-19

[11] 2,909,300
[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) B32B 15/01 (2006.01) C22C 21/00 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **ALUMINIUM-BASED ALLOY PLATED STEEL MATERIAL HAVING EXCELLENT POST-COATING CORROSION RESISTANCE**
[54] **MATERIAU FAIT D'ACIER PLAQUE D'UN ALLIAGE A BASE D'ALUMINIUM AYANT UNE EXCELLENTE RESISTANCE A LA CORROSION APRES L'APPLICATION DU REVETEMENT**
[72] YAMANAKA, SHINTARO, JP
[72] MAKI, JUN, JP
[72] KUROSAKI, MASAO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-10-09
[86] 2014-04-17 (PCT/JP2014/060910)
[87] (WO2014/181653)
[30] JP (2013-097550) 2013-05-07

[11] 2,909,458
[13] C
[51] **Int.Cl. D01F 9/00 (2006.01) C08L 3/00 (2006.01) D01F 2/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES COMPRISING POLYSACCHARIDE FILAMENTS**
[54] **STRUCTURES FIBREUSES COMPRENANT DES FILAMENTS POLYSACCHARIDIQUES**
[72] MCKEE, MATTHEW GARY, US
[72] KLEINWAECHTER, JOERG, US
[72] REYNOLDS, GEOFFREY WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-10-13
[86] 2014-04-08 (PCT/US2014/033320)
[87] (WO2014/168942)
[30] US (61/811,305) 2013-04-12

[11] 2,909,786
[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) B01D 19/00 (2006.01)**
[25] EN
[54] **IMPROVED AIR-DRIVEN DEGASSER ASSEMBLY**
[54] **ENSEMBLE DEGAZEUR AMELIORE ENTRAINE PAR AIR**
[72] HENDERSON, MATTHEW HAY, US
[72] BRITTON, CHARLES CUTLER, US
[72] SCHEXNAIDER, NEIL PATRICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-16
[86] 2014-05-02 (PCT/US2014/036618)
[87] (WO2014/189662)
[30] US (61/825,280) 2013-05-20
[30] US (14/101,608) 2013-12-10

[11] 2,910,345
[13] C
[51] **Int.Cl. F24C 1/02 (2006.01) F23D 14/46 (2006.01) F24C 3/12 (2006.01)**
[25] EN
[54] **DUAL FUEL BURNER PRESSURE SWITCH SHUT OFF MECHANISM**
[54] **MECANISME DE FERMETURE DE COMMUTATEUR DE PRESSION DE BRULEUR BI-COMBUSTIBLE**
[72] DOWNING, VERLON (DAN), US
[73] GHP GROUP, INC., US
[86] (2910345)
[87] (2910345)
[22] 2015-10-27
[30] US (62/069,060) 2014-10-27
[30] US (14/923,858) 2015-10-27

[11] 2,910,533
[13] C
[51] Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01)
[25] EN
[54] PEPTIDES HAVING ACTIVITY OF INHIBITING INFECTIONS OF RESPIRATORY VIRUSES, USE OF THE SAME AND METHODS OF PREPARING THE SAME
[54] PEPTIDES PRESENTANT UNE ACTIVITE D'INHIBITION D'INFECTIONS PAR DES VIRUS RESPIRATOIRES, UTILISATION DE CEUX-CI ET PROCEDES DE PREPARATION DE CEUX-CI
[72] ZHENG, BOJIAN, CN
[72] ZHAO, HANJUN, CN
[73] XIANGXUE GROUP (HONG KONG) COMPANY LIMITED, CN
[85] 2015-10-28
[86] 2014-02-19 (PCT/CN2014/072237)
[87] (WO2014/180180)
[30] US (61/821,292) 2013-05-09
[30] CN (201310451941.2) 2013-09-27

[11] 2,911,381
[13] C
[51] Int.Cl. B60R 16/00 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)
[25] EN
[54] CONNECTOR COVER
[54] COUVERCLE CONNECTEUR
[72] FURUZAWA, AKIYOSHI, JP
[72] KATANO, KOJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911381)
[87] (2911381)
[22] 2015-11-05
[30] JP (2014-230185) 2014-11-12

[11] 2,912,431
[13] C
[51] Int.Cl. C08G 65/26 (2006.01)
[25] EN
[54] ALKOXYLATED HUMUS MATERIAL COMPOSITIONS AND METHODS OF MAKING SAME
[54] COMPOSITIONS A BASE DE SUBSTANCE HUMIQUE ALCOXYLEE ET PROCEDES DE FABRICATION ASSOCIES
[72] POBER, KENNETH W., US
[72] MCDANIEL, CATO R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-12
[86] 2013-07-31 (PCT/US2013/052951)
[87] (WO2015/016887)

[11] 2,913,084
[13] C
[51] Int.Cl. G01N 21/53 (2006.01)
[25] EN
[54] A NEPHELOMETRIC PROCESS TURBIDIMETER
[54] UN TURBIDIMETRE A TRAITEMENT NEPHELEMETRIQUE
[72] DE HEIJ, BAS, DE
[72] PALUMBO, PERRY, US
[73] HACH LANGE GMBH, DE
[86] (2913084)
[87] (2913084)
[22] 2015-11-24
[30] EP (14195057.6) 2014-11-27

[11] 2,913,816
[13] C
[51] Int.Cl. E21B 33/12 (2006.01) E21B 33/134 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS OF DIVERTING FLUIDS IN A WELLBORE USING DESTRUCTIBLE PLUGS
[54] SYSTEMES ET PROCEDES DE DEVIATION DE FLUIDES DANS UN PUITS DE FORAGE A L'AIDE DE BOUCHONS DESTRUCTIBLES
[72] ENTCHEV, PAVLIN B., US
[72] SOREM, WILLIAM A., US
[72] WANG, ZHIHUA, NO
[72] BAKER, DAVID A., US
[72] MONTGOMERY, JOHN K., US
[72] MERCER, LARRY, QA
[72] PETRIE, DENNIS H., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] RASGAS COMPANY LIMITED, QA
[86] (2913816)
[87] (2913816)
[22] 2010-04-13
[62] 2,757,863
[30] US (61/170,177) 2009-04-17

[11] 2,915,692
[13] C
[51] Int.Cl. H04W 4/08 (2009.01) H04W 4/02 (2018.01)
[25] EN
[54] MOBILE AD HOC NETWORKING
[54] RESEAUTAGE AD HOC MOBILE
[72] WISEMAN, JOSHUA, US
[72] GARCIA, DAVID HARRY, US
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[73] FACEBOOK, INC., US
[86] (2915692)
[87] (2915692)
[22] 2012-12-06
[62] 2,857,598
[30] US (13/316,336) 2011-12-09

[11] **2,915,987**
[13] C
[51] **Int.Cl. B62M 11/00 (2006.01) B62M 1/30 (2013.01) B62M 1/12 (2006.01)**
[25] EN
[54] **HAND AND FOOT MOTOR DRIVEN VEHICLE, IN PARTICULAR A BICYCLE**
[54] **VEHICULE MOTORISE A COMMANDE MANUELLE ET A COMMANDE A PEDALE, VELO PARTICULIER**
[72] CHINIFOROUSHAN, MAHMOUD, NL
[73] CHINIFOROUSHAN, MAHMOUD, NL
[85] 2015-12-03
[86] 2013-06-07 (PCT/NL2013/000032)
[87] (WO2013/191536)
[30] NL (1039659) 2012-06-07

[11] **2,916,784**
[13] C
[51] **Int.Cl. C23C 14/06 (2006.01) C23C 14/02 (2006.01) C23C 14/34 (2006.01) C23C 14/35 (2006.01)**
[25] EN
[54] **TIXSI1-XN LAYERS AND THEIR PRODUCTION**
[54] **COUCHES DE TIXSI1-XN ET LEUR PRODUCTION**
[72] KURAPOV, DENIS, CH
[72] KRASSNITZER, SIEGFRIED, AT
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2015-12-23
[86] 2014-07-01 (PCT/EP2014/001792)
[87] (WO2015/000581)
[30] DE (10 2013 011 073.4) 2013-07-03
[30] DE (10 2013 011 071.8) 2013-07-03

[11] **2,917,398**
[13] C
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **DRILLING FLUID FLOW MEASUREMENT IN AN OPEN CHANNEL FLUID CONDUIT**
[54] **MESURE DE L'ECOULEMENT DE FLUIDE DE FORAGE DANS UN CONDUIT DE FLUIDE A ECOULEMENT A SURFACE LIBRE**
[72] BRITTON, CHARLES CUTLER, US
[72] HENDERSON, MATTHEW, GB
[72] SMITH, ADRIAN EASTLAND, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE POUR SYSTEME DE PILE A COMBUSTIBLE**
[72] ASAI, YOSHITOMO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **ACOUSTICAL STRUCTURE HAVING OPEN CELLED CORE AND FACING SHEETS**
[54] **STRUCTURE ACOUSTIQUE COMPORTANT UNE AME A CELLULE OUVERTE ET DES FEUILLES ORIENTEES DE FACE**
[72] OLESKE, PETER J., US
[73] AWI LICENSING LLC, US
[85] 2016-01-14
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[54] **EARTH ALKALI CARBONATE, SURFACE MODIFIED BY AT LEAST ONE POLYHYDROGENSILOXANE**
[54] **CARBONATE D'ALCALINO-TERREUX MODIFIE EN SURFACE PAR AU MOINS UN POLYHYDROGENOSILOXANE**
[72] RENTSCH, SAMUEL, CH
[72] IPPOLITO, FABIO, CH
[72] GANE, PATRICK A.C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-01-15
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[54] **CYLINDER REGULATOR GUARD LIFTING ARRANGEMENT**
[54] **DISPOSITION DE LEVAGE DE PROTECTION POUR REGULATEUR DE BOUTEILLE**
[72] PEMBERTON, GARETH ROSS, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-01-19
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[51] **Int.Cl. G10K 15/12 (2006.01) G01H 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING AN AUDIO SIGNAL IN ACCORDANCE WITH A ROOM IMPULSE RESPONSE, SIGNAL PROCESSING UNIT, AUDIO ENCODER, AUDIO DECODER, AND BINAURAL RENDERER**
[54] **PROCEDE DE TRAITEMENT DE SIGNAL AUDIO SELON UNE REPONSE D'IMPULSION D'UNE PIECE, UNITE DE TRAITEMENT DU SIGNAL, CODEUR AUDIO, DECODEUR AUDIO ET DISPOSITIF DE RENDU BINAURAL**
[72] FUG, SIMONE, DE
[72] PLOGSTIES, JAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
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[25] EN
[54] **SYSTEM AND METHOD FOR HARVESTING ENERGY DOWN-HOLE FROM AN ISOTHERMAL SEGMENT OF A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR RECOLTER DE L'ENERGIE EN FOND DE TROU A PARTIR D'UN SEGMENT ISOTHERME D'UN PUITS DE FORAGE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-01-21
[86] 2014-07-17 (PCT/US2014/046957)
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[54] **A WIND TURBINE BLADE HAVING A BOND LINE ADJACENT A SANDWICH PANEL OF THE BLADE**
[54] **PALE D'EOLIENNE POSSEDANT UNE LIGNE DE LIAISON ADJACENTE A UN PANNEAU SANDWICH DE LA PALE**
[72] GARM, JESPER HASSELBALCH, DK
[73] LM WP PATENT HOLDING A/S, DK
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[54] **ENABLING PAYMENTS TO BE PROCESSED BY ONLY ONE MERCHANT**
[54] **POSSIBILITE DE TRAITEMENT DE PAIEMENTS PAR UN SEUL COMMERCANT**
[72] BADENHORST, CORNELIUS JOHANNES, ZA
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] EN
[54] **MULTI-THREAD BAND MATRIX SOLVER FOR WELL SYSTEM FLUID FLOW MODELING**
[54] **DISPOSITIF DE RESOLUTION DE MATRICE BANDE A PLUSIEURS BRANCHES POUR UNE MODELISATION D'ECOULEMENT DE FLUIDE DE SYSTEME DE PUITS**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-26
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[25] EN
[54] **A ROTATION-SUSPENSION SMELTING METHOD, A BURNER AND A METALLURGICAL EQUIPMENT**
[54] **UN PROCEDE DE FONTE A ROTATION-SUSPENSION, UN BRULEUR ET UN EQUIPEMENT METALLURGIQUE**
[72] ZHOU, SONGLIN, CN
[72] LIU, WEIDONG, CN
[73] YANGGU XIANGGUANG COPPER CO., LTD., CN
[86] (2920064)
[87] (2920064)
[22] 2016-02-05
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[54] **GAS TURBINE OIL SCAVENGING SYSTEM**
[54] **SYSTEME DE RECUPERATION D'HUILE DANS UNE TURBINE A GAZ**
[72] ALECU, DANIEL T., CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **COMBINATION OF CYTOKINE AND CYTOKINE RECEPTOR FOR ALTERING IMMUNE SYSTEM FUNCTIONING**
[54] **COMBINAISON DE CYTOKINES ET DU RECEPTEUR DE CYTOKINES DESTINEE A MODIFIER LE FONCTIONNEMENT DU SYSTEME IMMUNITAIRE**
[72] EZERZER, CHAI, IL
[72] HARRIS, NICHOLAS, IL
[73] SYMTHERA CANADA LTD., CA
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[54] **WIRELESS WEAR MONITORING FOR CONDUITS**
[54] **SURVEILLANCE SANS FIL D'USURE DE CONDUITS**
[72] MOON, SOON WON, CA
[72] JOHNSON, STEWART, CA
[72] OBAIA, KHALED, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
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[87] (2922137)
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[54] **COMBINATION CHAMBER AND EXTERNAL SUCTION VACUUM PACKAGING MACHINE**
[54] **MACHINE D'EMBALLAGE A CHAMBRE ET A VIDE A ASPIRATION EXTERNE EN COMBINAISON**
[72] RAUSCH, DAVID A., US
[72] HUFF, BERNARD G., US
[73] HANTOVER, INC., US
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[25] EN
[54] **SEMIFINISHED PRODUCT AND METHOD FOR PRODUCING A THREE-DIMENSIONALLY SHAPED HYBRID COMPONENT OF A METAL/PLASTIC COMPOSITE AND USE OF SUCH A SEMIFINISHED PRODUCT**
[54] **PRODUIT SEMI-FINI ET PROCEDE PERMETTANT DE FABRIQUER UNE PIECE MOULEE HYBRIDE TRIDIMENSIONNELLE DANS UN COMPOSITE METAL/MATIERE PLASTIQUE, ET UTILISATION DUDIT PRODUIT SEMI-FINI**
[72] KRAHNERT, TORSTEN, DE
[72] PATBERG, LOTHAR, DE
[72] MAYER, STEFAN, DE
[72] KALEMBA, DIETER, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
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[54] **SURFACE COVERING CONNECTION JOINTS**
[54] **JOINTS DE RACCORDEMENT DE REVETEMENT DE SURFACE**
[72] YAU, PAUL, US
[73] BEST WOODS INC., US
[85] 2016-03-04
[86] 2014-09-15 (PCT/US2014/055704)
[87] (WO2015/039048)
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[25] EN
[54] **CHEMICAL INHIBITION OF PITTING CORROSION IN METHANOLIC SOLUTIONS CONTAINING AN ORGANIC HALIDE**
[54] **INHIBITION CHIMIQUE DE LA CORROSION PAR PIQURES DANS DES SOLUTIONS METHANOLIQUES CONTENANT UN HALOGENURE ORGANIQUE**
[72] LIU, ZHENGWEI, US
[72] RAMACHANDRAN, SUNDER, US
[72] PANCHALIANGAM, VAITHILINGAM, US
[72] GARZA, TIMOTHY Z., US
[72] STEAD, PAUL ROBERT, US
[72] COOK, STUART EDWARD, US
[72] RIVERS, GORDON T., US
[72] THIEU, VU, US
[72] MCEACHERN, HEATHER, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-17
[86] 2014-10-16 (PCT/US2014/060800)
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[25] EN
[54] **METHODS AND INTERMEDIATES FOR PREPARING PHARMACEUTICAL AGENTS USEFUL TO MODIFY THE PHARMACOKINETICS OF A CO-ADMINISTERED DRUG**
[54] **METHODES ET INTERMEDIAIRES DESTINES A LA PREPARATION D'AGENTS PHARMACEUTIQUES UTILES POUR MODIFIER LA PHARMACOCINETIQUE DE MEDICAMENTS COADMINISTRES**
[72] POLNIASZEK, RICHARD, US
[72] PFEIFFER, STEVEN, US
[72] YU, RICHARD, US
[72] CULLEN, AARON, US
[72] DOWDY, ERIC, US
[72] TRAN, DUONG, US
[72] KENT, KENNETH, US
[72] ZHOU, ZHONGXIN, US
[72] CORDEAU, DOUG, US
[72] EASTON, LEAH, US
[73] GILEAD SCIENCES, INC., US
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[87] (2925137)
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[25] EN
[54] **ELEMENT PRESSURE RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE PRESSION D'ELEMENT**
[72] ROOD, DENNIS DEAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-24
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[51] **Int.Cl. E21C 25/16 (2006.01) E21C 25/18 (2006.01) E21D 9/10 (2006.01)**
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[54] **MINING MACHINE WITH DRIVEN DISC CUTTERS**
[54] **METHODE DE PRODUCTION DE PROTEINE A PARTIR DE BIOMASSE**
[72] DEANDRADE, ALEX FREIRE, ZA
[72] VELDMAN, CHARL CHRISTO, ZA
[72] MOLLER, ARTHUR KENNETH, ZA
[72] SKEA, THEUNS FICHARDT, ZA
[72] DE SOUSA, JOAQUIM ANTONIO SOAR, ZA
[73] JOY MM DELAWARE, INC., US
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[87] (2925821)
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[25] EN
[54] **RATIO-BASED MODE SWITCHING FOR OPTIMIZING WEIGHT-ON-BIT**
[54] **COMMUTATION DE MODE BASE SUR DES RAPPORTS PERMETTANT D'OPTIMISER LE POIDS SUR L'OUTIL**
[72] SAMUEL, ROBELLO, US
[72] ANIKET, US
[72] URDANETA, GUSTAVO A., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-03-30
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[51] **Int.Cl. H05B 37/02 (2006.01)**
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[54] **TURN ON OPTIMIZATION**
[54] **ACTIVATION D'OPTIMISATION**
[72] CHEN, KENG, US
[72] JOHNSEN, ANDREW, US
[72] XIAO, PENG, US
[73] OSRAM SYLVANIA INC., US
[86] (2925975)
[87] (2925975)
[22] 2016-04-01
[30] US (14/677,884) 2015-04-02

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[51] **Int.Cl. H01M 4/88 (2006.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF GAS DIFFUSION LAYER FOR FUEL CELL**
[54] **PROCEDE DE FABRICATION ET APPAREIL DE FABRICATION D'UNE COUCHE DE DIFFUSION DE GAZ POUR PILE A COMBUSTIBLE**
[72] SHIBATA, YUKIHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-03-31
[86] 2014-09-04 (PCT/JP2014/004559)
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[25] EN
[54] **METHODS FOR REPLENISHING PARTICLES SCREENED FROM DRILLING FLUIDS**
[54] **PROCEDE DE RENFLOUEMENT DE PARTICULES TAMISEES A PARTIR DE FLUIDES DE FORAGE**
[72] JAMISON, DALE E., US
[72] WHITFILL, DON L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **COOLING SYSTEM FOR SECONDARY BATTERY**
[54] **DISPOSITIF DE REFROIDISSEMENT DE BATTERIE SECONDAIRE**
[72] OCHIAI, KIYOE, JP
[72] IZUMI, JUNTA, JP
[72] MACHIDA, KIYOHITO, JP
[72] HABU, MASAKAZU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2926503)
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[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE PERMETTANT DE REGULER UN SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSHI, KIYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-04-08
[86] 2014-09-18 (PCT/JP2014/074728)
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[25] EN
[54] **DELAMINATION-RESISTANT HEAT-SHRINKABLE MULTILAYER OXYGEN BARRIER FILM CONTAINING POLYESTER**
[54] **FILM MULTICOUCHES IMPERMEABLE A L'OXYGENE, THERMORETRACTABLE, RESISTANT AU DECOLLAGE ET CONTENANT DU POLYESTER**
[72] BROADUS, MICHAEL E., US
[72] FREEMAN, BRYAN, US
[72] BRUSH, RANDALL L., US
[72] WILSON, J., DOUG, US
[72] KAY, DONNY S., US
[72] MCCORMICK, KEVIN L., US
[72] RANGANATHAN, SUMITA S., US
[73] CRYOVAC, INC., US
[85] 2016-04-11
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[30] US (61/898,757) 2013-11-01
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[51] **Int.Cl. A61B 34/20 (2016.01)**
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[54] **TRAJECTORY ALIGNMENT SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES D'ALIGNEMENT DE TRAJECTOIRE**
[72] SELA, GAL, CA
[72] WITCOMB, NEIL JEFFREY, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[86] (2927381)
[87] (2927381)
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[51] **Int.Cl. H01R 4/66 (2006.01) E04B 1/62 (2006.01) H01R 4/46 (2006.01)**
[25] EN
[54] **FLOOR GROUND CLAMP**
[54] **PINCE AU SOL POUR PLANCHER**
[72] DINH, CONG THANH, US
[72] ROBERTSON, GEORGE BRAXTON, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2927440)
[87] (2927440)
[22] 2016-04-18
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[25] EN
[54] **SHOCK TOOL FOR DRILLSTRING**
[54] **OUTIL A IMPACT POUR TRAIN DE TIGES**
[72] KHAPARDE, ASHISH PRAFULLA, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **LUMPED DATA MODELING OF TOOL JOINT EFFECTS IN UNDERBALANCED DRILLING**
[54] **MODELISATION DE DONNEES GROUPEES D'EFFETS DE RACCORDS DE TIGES DANS UN FORAGE DESEQUILIBRE**
[72] SAMUEL, ROBELLO, US
[72] HUANG, XIAOQIAN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-04-25
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[54] **LIVE LOAD PIPE BALL JOINT**
[54] **ROTULE DE TUYAU A CHARGE ACTIVE**
[72] WILLIAMS, STEVEN, CA
[72] MARINCIC, ANTON, CA
[72] MILANOVIC, ZVONKO, CA
[72] BURTON, RONALD MARK, CA
[72] PAYVAR, REZA, CA
[73] FREUDENBERG OIL & GAS, LLC, US
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[54] **WELDING MATERIAL FOR SUBMERGED ARC WELDING AND GAS METAL ARC WELDING, HAVING REMARKABLE IMPACT RESISTANCE AND ABRASION RESISTANCE**
[54] **MATERIAU DE SOUDAGE POUR SOUDAGE A ARC SUBMERGE ET SOUDAGE A ARC SOUS GAZ AVEC FIL PLEIN, AYANT UNE RESISTANCE A L'IMPACT ET UNE RESISTANCE A L'ABRASION REMARQUABLES**
[72] LEE, BONG-KEUN, KR
[72] HAN, IL-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, SANG-CHUL, KR
[72] LEE, DONG-RYEOL, KR
[72] KIM, GEUG, KR
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[54] **REAL-TIME NUCLEIC ACID DETECTION PROCESSES AND COMPOSITIONS**
[54] **COMPOSES ET METHODES DE DETECTION EN TEMPS REEL D'ACIDES NUCLEIQUES**
[72] RABBANI, ELAZAR, US
[72] STAVRIANOPOULOS, JANNIS G., US
[72] DONEGAN, JAMES J., US
[72] COLEMAN, JACK, US
[72] LIU, DAKAI, US
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[54] **SUPPORT DE MONTAGE POUR CAPTEUR DE DEFORMATION**
[72] SOBOLEWSKI, ZBIGNIEW, US
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DESIGN AND IMPLEMENTATION OF CLUSTERED IN-MEMORY DATABASE**
[54] **CONCEPTION ET IMPLEMENTATION D'UNE BASE DE DONNEES REGROUPEE INTEGREE DANS UNE MEMOIRE**
[72] LIGHTNER, SCOTT, US
[72] WECKESSER, FRANZ, US
[72] BERKEY, TELFORD, US
[72] BECKNELL, JOSEPH, US
[72] ZIMMERMAN, BRYAN, US
[72] PERSSON, MATS, US
[73] QBASE, LLC, US
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[54] **METHOD OF DEPOSITING AN OVERLAY MATERIAL ONTO A METAL SURFACE BY MEANS OF ELECTROSLAG STRIP CLADDING, WITH FLUX HAVING MORE THAN 55 WT% CAF2 CORRESPONDING FLUX AND ARTICLE WITH SUCH OVERLAY**
[54] **METHODE DE DEPOT D'UN MATERIAU DE RECOUVREMENT SUR UNE SURFACE METALLIQUE AU MOYEN DE REVETEMENT PAR BANDE DE LAITIER ELECTROCONDUCTEUR, AYANT UN FLUX COMPORTANT UN FLUX CORRESPONDANT DE CAF2 A PLUS DE 55%/POIDS ET ARTICLE COMPORTANT UN TEL REVETEMENT**
[72] YILDIRIM, HASAN, BE
[72] DECHERF, MATHIEU, BE
[73] VOESTALPINE BOHLER WELDING BELGIUM S.A., BE
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[54] **DISPOSITIF D'ESTIMATION, PROGRAMME, METHODE D'ESTIMATION, ET SYSTEME D'ESTIMATION**
[72] MITSUYOSHI, SHUNJI, JP
[73] PST CORPORATION, INC., JP
[73] MITSUYOSHI, SHUNJI, JP
[73] JAPAN MATHEMATICAL INSTITUTE INC., JP
[85] 2016-06-03
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[54] **AMENAGEMENT DE PALIER D'ENTRAINEMENT D'UNE EOLIENNE ET EOLIENNE**
[72] TREDE, ALF, DE
[73] SENVION GMBH, DE
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[54] **DEVICE AND GRINDING TOOL FOR COMMINUTING FEED MATERIAL**
[54] **APPAREIL ET OUTIL DE MEULAGE SERVANT A BROYER UNE MATIERE PREMIERE**
[72] PALLMANN, HARTMUT, DE
[72] ALLES, BERTHOLD, DE
[73] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
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[54] **A ROTOR WITH A LEADING EDGE PROTRUSION**
[54] **UN ROTOR COMPORTANT UNE SAILLIE DE BORD D'ATTAQUE**
[72] LIU, HAO, JP
[72] FUJII, TAKEO, JP
[73] TERAL INC., JP
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[54] **METHOD AND SYSTEM FOR FUSING BUSINESS DATA FOR DISTRIBUTIONAL QUERIES**
[54] **METHODE ET SYSTEME DE FUSION DE DONNEES D'ENTREPRISE A DES FINS DE REQUETES DE DISTRIBUTION**
[72] HASSAN, EHTESHAM, IN
[72] YADAV, SURYA, IN
[72] AGARWAL, PUNEET, IN
[72] SHROFF, GAUTAM, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **SOLUTIONS DE CONTROLE ET DE DIAGNOSTIC D'UN SYSTEME HVAC DESTINEES A DES HABITATIONS**
[72] ARENSMEIER, JEFFREY N., US
[73] EMERSON ELECTRIC CO., US
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[54] **A MULTIDIMENSIONAL RECURSIVE LEARNING PROCESS AND SYSTEM USED TO DISCOVER COMPLEX DYADIC OR MULTIPLE COUNTERPARTY RELATIONSHIPS**
[54] **PROCESSUS ET SYSTEME D'APPRENTISSAGE RECURSIF MULTIDIMENSIONNEL SERVANT A DECOUVRIR DES RELATIONS DYADIQUES OU DE CONTREPARTIES MULTIPLES COMPLEXES**
[72] SCRIFFIGNANO, ANTHONY J., US
[72] SPINGARN, DAVID A., US
[72] RIZZOLO, BARRY, US
[72] DAVIES, ROBIN, US
[72] YOUNG, MICHAEL R., US
[72] SHIMER, LAURIE, US
[72] NICODEMO, JOHN MARK, US
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[54] **VULCANISED FIBRE GRINDING TOOL**
[54] **OUTIL ABRASIF A FIBRES VULCANISEES**
[72] WENDT-GINSBERG, MARION, DE
[73] GUNTER WENDT GMBH, DE
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING THE APPEARANCE OF AGING HAIR**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER L'ASPECT DE CHEVEUX AGES**
[72] RICHARDS, JEANETTE ANTHEA, US
[72] DAWSON, THOMAS LARRY, JR., US
[72] COMBS, MARY JANE, US
[72] DUEVA-KOGANOV, OLGA, US
[72] KOGANOV, MICHAEL, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **DIAMINOGUANIDINE DERIVATIVES AND APPLICATION THEREOF IN PREPARATION OF ANIMAL GROWTH PROMOTERS USED IN FEED**
[54] **DERIVES DE DIAMINOGUANIDINE ET APPLICATION ASSOCIEE DANS LA PREPARATION DE PROMOTEURS DE CROISSANCE ANIMALE EMPLOYES DANS L'ALIMENTATION**
[72] PENG, XIANFENG, CN
[72] QIN, ZONGHUA, CN
[72] LI, FANG, CN
[72] YE, XIAOLAN, CN
[73] GUANGZHOU INSIGHTER BIOTECHNOLOGY CO., LTD., CN
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[54] **DRIVE CIRCUIT AND OPTICAL NETWORK UNIT**
[54] **CIRCUIT D'ATTAQUE ET DISPOSITIF COTE CLIENT**
[72] YUDA, SHUITSU, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2016-07-13
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **METHOD OF OPENING AN ORIFICE IN A DOWNHOLE ARTICLE, METHOD OF MAKING THE SAME AND ARTICLE MADE THEREBY**
[54] **PROCEDE D'OUVERTURE D'UN ORIFICE DANS UN ARTICLE DE FOND DE TROU, PROCEDE DE FABRICATION DE CE DERNIER ET ARTICLE FORME DE CETTE MANIERE**
[72] PETERSON, ELMER RICHARD, US
[72] MELANCON, BRADLEY A., US
[72] BAILEY, WILLIAM M., US
[72] DESAI, NEERALI JANUBHAI, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEMS AND METHODS FOR EXTRUDING TUBES**
[54] **SYSTEMES ET PROCEDES D'EXTRUSION DE TUBES**
[72] SCHULTZ, ROBERT W., US
[72] DAIL, GERRY J., US
[72] ROADMAN, RONALD EUGENE, US
[72] BORGES, AL, US
[73] SCHULTZ, ROBERT W., US
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[54] **MACHINE DE SOUFFLAGE D'ARTICLES TELS QUE DES RECIPIENTS**
[72] ELEFTHERIOU, STYLIANOS, FR
[73] SERAC GROUP, FR
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[54] **A TOOL CEMENTED IN A WELLBORE CONTAINING A PORT PLUG DISSOLVED BY GALVANIC CORROSION**
[54] **OUTIL CIMENTE DANS UN PUITS DE FORAGE CONTENANT UN BOUCHON D'ORIFICE DISSOUS PAR LA CORROSION GALVANIQUE**
[72] WALTON, ZACHARY W., US
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS AND METHOD FOR INSERTING MAGNET INTO ROTOR IRON CORE**
[54] **APPAREIL ET METHODE D'INSERTION D'UN AIMANT DANS UN NOYAU DE FER DE ROTOR**
[72] AMANO, KATSUMI, JP
[72] ISHIMATSU, HISATOMO, JP
[73] MITSUI HIGH-TEC, INC., JP
[86] (2940213)
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[54] **A DEVICE AND METHOD FOR MANUALLY OPENING GLASS AMPULES AND A CEMENTING DEVICE**
[54] **UN DISPOSITIF ET UNE METHODE D'OUVERTURE MANUELLE D'AMPOULE DE VERRE ET UN DISPOSITIF DE CIMENTATION**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **COOLING MECHANISM AND CONTROL FOR FUEL CELL SYSTEM AND FUEL CELL VEHICLE**
[54] **MECANISME DE REFROIDISSEMENT ET COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE ET VEHICULE A PILE A COMBUSTIBLE**
[72] SAKAKIBARA, HIDEAKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2941033)
[22] 2016-09-06
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[54] **METHOD FOR INCORPORATING MICRONUTRIENTS IN THE OUTER SHELL OF UREA-BASED PARTICLES**
[54] **PROCEDE D'INCORPORATION DE MICRONUTRIMENTS DANS LA COQUE EXTERIEURE DE PARTICULES A BASE D'UREE**
[72] LEDOUX, FRANCOIS, FR
[73] YARA INTERNATIONAL ASA, NO
[85] 2016-08-30
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[54] **ACTIVATION SELECTIVE DE COMMANDES MULTI-ENTREE**
[72] MAZEEV, MAXIM, US
[72] ANDERSON, SCOT DANIEL, US
[72] WEISS, JOHN GUIDO ATKINS, US
[72] LEVY, ROBERT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **BRAKING TORQUE CLOSED-LOOP CONTROL SYSTEM AND METHOD FOR SWITCH RELUCTANCE MOTOR**
[54] **SYSTEME DE COMMANDE EN CIRCUIT FERME DE COUPLE DE FREINAGE ET PROCEDE POUR MOTEUR A RELUCTANCE COMMUTEE**
[72] CHEN, HAO, CN
[72] CHENG, HE, CN
[72] YANG, ZHOU, CN
[72] WANG, QING, CN
[72] WANG, QIANLONG, CN
[72] WANG, XING, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **VEHICLE**
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[72] OHNO, KOHSUKE, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[25] EN
[54] **METHOD AND APPARATUS FOR DATA TRANSMISSION IN A MULTIUSER DOWNLINK CELLULAR SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES DANS UN SYSTEME CELLULAIRE DE LIAISON DESCENDANTE MULTI-UTILISATEURS**
[72] PEROTTI, ALBERTO GIUSEPPE, SE
[72] SOLDATI, PABLO, SE
[72] POPOVIC, BRANISLAV, SE
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **COMPLETE NUTRITIONAL POWDER AND PREPARATION METHOD THEREOF**
[54] **POUDRE NUTRITIONNELLE COMPLETE ET METHODE DE PREPARATION ASSOCIEE**
[72] LU, MINGFU, CN
[72] ZHANG, XIUPING, CN
[73] LU, MINGFU, CN
[85] 2016-09-30
[86] 2014-08-18 (PCT/CN2014/084582)
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[30] CN (201410385229.1) 2014-08-07

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[25] EN
[54] **IMPROVED SUBBAND BLOCK BASED HARMONIC TRANSPOSITION**
[54] **TRANSPOSITION HARMONIQUE AMELIOREE FONDEE SUR DES BLOCS DE SOUS-BANDES**
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (2945730)
[87] (2945730)
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[51] **Int.Cl. D07B 1/06 (2006.01)**
[25] EN
[54] **BRASS-PLATED STEEL WIRE FOR REINFORCING RUBBER ARTICLE**
[54] **CABLE D'ACIER POUR RENFORCEMENT DE COMPOSANT EN CAOUTCHOUC AVEC PLACAGE EN LAITON**
[72] MUSHA, SHINICHI, JP
[72] KANATOMI, YOSHIHIKO, JP
[72] YAMAGISHI, JUNICHI, JP
[73] BRIDGESTONE CORPORATION, JP
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[86] 2015-04-06 (PCT/JP2015/001931)
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[54] **MEMBRANE-ADHERENT SELF-ASSEMBLED SYSTEMS FOR TREATMENT OF OCULAR DISORDERS**
[54] **SYSTEMES AUTO-ASSEMBLES ADHERANT A LA MEMBRANE POUR LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] BARMAN, SHIKHA P., US
[72] THEKKEDATH, RITESH V., US
[72] WARD, KEVIN L., US
[72] CROMWICK, ANNE-MARIE, US
[72] BARMAN, KOUSHIK, US
[73] INTEGRAL BIOSYSTEMS LLC, US
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[54] **LONG-TERM SEAFLOOR HEAT FLOW MONITORING PROBE BASED ON UNDERWATER ROBOT PLATFORM**
[54] **SONDE DE SURVEILLANCE DU FLUX DE CHALEUR SUR LE SOL MARIN A LONG TERME FONDEE SUR UNE PLATEFORME ROBOT SOUS-MARINE**
[72] YANG, XIAOQIU, CN
[72] ZENG, XIN, CN
[72] SHI, XIAOBIN, CN
[72] SUN, ZHAOHUA, CN
[73] SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES, CN
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[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] TOFFLEMIRE, JEFFREY, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[73] A.C. DISPENSING EQUIPMENT INC., CA
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[54] **NOCK AND NOCK RECEIVER**
[54] **ENCOCHE ET RECEPTEUR D'ENCOCHE**
[72] MOOK, DEAN, US
[72] ANS, GREGORY S., US
[73] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A TENPOINT CROSSBOW TECHNOLOGIES, US
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[54] **ENERGY RETURN, CUSHIONING, AND ARCH SUPPORT PLATES, AND FOOTWEAR AND FOOTWEAR SOLES INCLUDING THE SAME**
[54] **PLAQUES DE RETOUR D'ENERGIE, D'AMORTISSEMENT ET DE SUPPORT DE VOUTE PLANTAIRE, ET CHAUSSURES ET SEMELLES DE CHAUSSURES LES COMPRENANT**
[72] GROTT, MARCO AURELIO, US
[72] BUCK, CALVIN, MYRON, IV, US
[73] ARIAT INTERNATIONAL, INC., US
[85] 2016-11-04
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[54] **REVETEMENTS POUR DISPOSITIF D'ISOLATION DEGRADABLE DE PUITS DE FORAGE**
[72] WALTON, ZACHARY W., US
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[72] PORTER, JESSE C., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **VACUUM MIXING DEVICE WITH OPERATING ELEMENT AND PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE A VIDE DOTE D'UN ELEMENT FONCTIONNEL ET D'UNE POMPE SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2950121)
[87] (2950121)
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[25] EN
[54] **MIXING DEVICE WITH OPERATING ELEMENT AND PRESSURE PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE DOTE D'UN ELEMENT FONCTIONNEL ET D'UNE POMPE A PRESSION SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
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[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/13 (2006.01)**
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[54] **DOWNHOLE TOOL FOR USE IN A WELLBORE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[73] DOWNHOLE TECHNOLOGY LLC, US
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[25] EN
[54] **TURBOMACHINE WITH AN OUTER SEALING AND USE OF THE TURBOMACHINE**
[54] **TURBOMACHINE A ETANCHEITE EXTERIEURE ET UTILISATION DE LA TURBOMACHINE**
[72] GRANBERG, PER, SE
[72] SZIJARTO, JANOS, SE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **MULTI-LAYER FORMS AND METHODS OF MANUFACTURING THE SAME**
[54] **FORMES MULTICOUCHES ET METHODES DE FABRICATION ASSOCIEES**
[72] JOHNSON, JOSHUA, US
[72] BAETEN, LYNN, US
[72] WOOD, ERIC M., US
[72] PULLEY, KEVIN, US
[73] R. R. DONNELLEY & SONS COMPANY, US
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[25] EN
[54] **APPARATUS AND METHODS FOR ELECTRICALLY GROUNDING AT LEAST ONE MAT IN A LOAD-SUPPORTING SURFACE**
[54] **APPAREIL ET METHODES DE MISE A LA TERRE DE MANIERE ELECTRIQUE D'AU MOINS UN TAPIS SUR UNE SURFACE SUPPORTANT UNE CHARGE**
[72] MCDOWELL, JAMES KERWIN, US
[72] DURIO, KENNETH EDWARD, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[86] 2016-06-10 (PCT/US2016/036836)
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[25] EN
[54] **CONTROL DEVICE AND METHOD FOR MINIMIZING SCALE FACTOR ERRORS OF A ROTATION RATE SENSOR**
[54] **DISPOSITIF DE CONTROLE ET METHODE DE REDUCTION DES ERREURS DE FACTEUR D'ECHELLE D'UN CAPTEUR DE VITESSE DE ROTATION**
[72] OHMBERGER, RALF RICHARD, DE
[72] ZIMMERMANN, STEFFEN, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **USE OF IRON OXIDE NANOPARTICLE IN INHIBITING SPORE GERMINATION OF CLOSTRIDIUM DIFFICILE**
[54] **UTILISATION DE NANOPARTICULES D'OXYDE DE FER POUR L'INHIBITION DE LA GERMINATION DES SPORES DE CLOSTRIDIUM DIFFICILE**
[72] SHIEH, DAR-BIN, CN
[72] TSAI, PEI-JANE, CN
[72] LEE, WEI-TING, CN
[72] LI, TSUNG-JU, CN
[72] YEH, CHEN-SHENG, CN
[72] WU, SHANG-RUNG, CN
[73] SHIEH, DAR-BIN, CN
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[25] EN
[54] **RISER ISOLATION TOOL FOR DEEPWATER WELLS**
[54] **OUTIL D'ISOLATION DE TUBE ASCENSEUR POUR PUITS EN EAUX PROFONDES**
[72] HESS, JOE E., US
[72] CUTHBERT, ANDREW JOHN, US
[72] COURVILLE, RONALD WAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-19
[86] 2014-09-03 (PCT/US2014/053898)
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[54] **LAND ROLLER**
[54] **ROULEAU PIETINEUR**
[72] MCCREA, THOMAS E., CA
[72] MCCREA, DAVID G., CA
[73] AG SHIELD LTD., CA
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[87] (2955823)
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[51] Int.Cl. E21B 43/26 (2006.01) F04F 13/00 (2009.01) E21B 43/16 (2006.01) E21B 43/267 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR UTILIZING INTEGRATED PRESSURE EXCHANGE MANIFOLD IN HYDRAULIC FRACTURING
[54] SYSTEME ET PROCEDE D'UTILISATION DE COLLECTEUR D'ECHANGE DE PRESSION INTEGRE LORS DE FRACTURE HYDRAULIQUE
[72] GAY, JOEL, US
[72] GHASRIPOOR, FARSHAD, US
[72] MARTIN, JEREMY GRANT, US
[72] HOFFMAN, ADAM ROTHSCHILD, US
[73] ENERGY RECOVERY, INC., US
[85] 2017-01-27
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[54] METHOD AND SYSTEM FOR DEVICE-TO-DEVICE COMMUNICATION
[54] PROCEDE ET SYSTEME POUR LA COMMUNICATION DE DISPOSITIF A DISPOSITIF
[72] NGUYEN, PHONG, AU
[72] WIJESINGHE, PUSHPIKA, AU
[73] NEC CORPORATION, JP
[85] 2017-02-03
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[25] EN
[54] FORMATION FRACTURE FLOW MONITORING
[54] SUIVI D'ECOULEMENT DANS UNE FRACTURE DANS UNE FORMATION
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] METHOD FOR TEMPERATURE DATA ACQUISITION
[54] METHODE D'ACQUISITION DE DONNEES DE TEMPERATURE
[72] ZHAO, YAN, US
[72] KLOOSTERMAN, JEFFREY WILLIAM, US
[72] LUNSFORD, JEREMY CHARLES, US
[72] LI, XIANMING JIMMY, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2961994)
[87] (2961994)
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[51] Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 24/06 (2006.01)
[25] EN
[54] DEVICE FOR MIXING AND STORING POLYMETHYL METHACRYLATE BONE CEMENT WITH PRESSURE PUMP AND AMPOULE BREAKER
[54] DISPOSITIF DE MELANGE ET D'ENTREPOSAGE DE CIMENT ORTHOPEDIQUE POLYMETHYLE METHYLACRYLATE DOTE D'UNE POMPE DE PRESSION ET D'UN BRISE-AMPOULE
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
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[87] (2963001)
[22] 2017-03-31
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[54] RECONSTRUCTION D'ACTIVITE UTILISATEUR DE JEU DE TRUCAGE
[72] FRANZINI, SIMONE, US
[72] RITTLE, LOREN J., US
[72] KUHLMAN, DOUGLAS A., US
[73] ARRIS ENTERPRISES LLC, US
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[54] **TIME-OF-TRANSACTION FOREIGN CURRENCY CONVERSION**
[54] **CONVERSION DE MONNAIE ETRANGERE AU TAUX DU MOMENT**
[72] BECK, PHILIP D., US
[72] NOBLETT, PAUL, US
[72] MCCORMACK, MIKE, US
[73] PLANET PAYMENT, INC., US
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[87] (2964718)
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[25] EN
[54] **WATER JET CUTTING DEVICE**
[54] **DISPOSITIF DE DECOUPE AU JET D'EAU**
[72] LOHRMANN, MICHAEL, DE
[72] KATHER, DANIEL, DE
[72] MULLER, MALTE, DE
[72] HERMANN, LUTZ-THOMAS, DE
[73] VOITH PATENT GMBH, DE
[85] 2017-04-24
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[51] **Int.Cl. F16D 65/08 (2006.01) F16D 51/22 (2006.01) F16D 65/22 (2006.01)**
[25] EN
[54] **DRUM BRAKE S-CAM HAVING OFFSET CAM FOLLOWERS**
[54] **CAME EN S DE FREIN A TAMBOUR AYANT DES CONTRE-CAMES DECALEES**
[72] BERWANGER, FRED W., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2017-04-25
[86] 2015-10-23 (PCT/US2015/057048)
[87] (WO2016/069386)
[30] US (14/530,712) 2014-11-01

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[25] EN
[54] **STORAGE AND MIXING DEVICE FOR BONE CEMENT WITH A PRESSURE PUMP**
[54] **DISPOSITIF DE STOCKAGE ET DE MELANGE DE CIMENT ORTHOPEDIQUE DOTE D'UNE POMPE A PRESSION**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2967733)
[87] (2967733)
[22] 2017-05-18
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[25] EN
[54] **STORAGE AND MIXING DEVICE FOR PRODUCING A BONE CEMENT**
[54] **DISPOSITIF DE STOCKAGE ET DE MELANGE DESTINE A PRODUIRE UN CIMENT ORTHOPEDIQUE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2967739)
[87] (2967739)
[22] 2017-05-18
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[25] EN
[54] **OPTIMIZED BITUMEN RECOVERY AND PROCESS AID DOSAGE VIA WATER CHEMISTRY FEEDBACK CONTROL**
[54] **RECUPERATION DE BITUME OPTIMISEE ET DOSAGE D'AIDE DE PROCEDE AU MOYEN D'UN CONTROLE DE RETROACTION DE CHIMIE DE L'EAU**
[72] CASTELLANOS DUARTE, DIANA Y., US
[72] CULLINANE, JOHN T., US
[72] LO CASCIO, MAURO, US
[72] MARR, MICHAEL A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2967868)
[87] (2967868)
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[51] **Int.Cl. G01C 7/00 (2006.01)**
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[54] **ADAPTIVE MAPPING WITH SPATIAL SUMMARIES OF SENSOR DATA**
[54] **CARTOGRAPHIE ADAPTATIVE AVEC RESUMES SPATIAUX DE DONNEES DE CAPTEUR**
[72] FONG, PHILIP, US
[72] EADE, ETHAN, US
[72] MUNICH, MARIO E., US
[73] IROBOT CORPORATION, US
[86] (2968561)
[87] (2968561)
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[54] **MULTI-STAGE TEMPERATURE INDICATING DEVICE**
[54] **DISPOSITIF D'INDICATION DE TEMPERATURE A PLUSIEURS ETAGES**
[72] VOLK, DREW, ANTHONY, US
[73] VOLK ENTERPRISES, INC., US
[85] 2017-05-19
[86] 2016-07-08 (PCT/US2016/041429)
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[30] US (14/812,096) 2015-07-29

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[51] **Int.Cl. G01R 33/381 (2006.01) G01R 33/3875 (2006.01) H01F 41/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELECTROMAGNET COIL CONSTRUCTION**
[54] **SYSTEME ET PROCEDE POUR LA FABRICATION D'UNE BOBINE D'ELECTRO-AIMANT**
[72] BINDSEIL, GERON, CA
[72] HARRIS, CHAD TYLER, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-05-25
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[25] EN
[54] **DISCHARGE END WALL INSERTS**
[54] **ELEMENTS RAPPORTES DE PAROI D'EXTREMITE DE DECHARGE**
[72] MEPHAM, ROBERT, CA
[72] KUMAR, PRAMOD, CA
[72] MCPHEE, ROBERT MICHAEL, CA
[73] POLYCORP LTD., CA
[86] (2973045)
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[22] 2015-09-23
[62] 2,937,053
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[51] **Int.Cl. B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING A SLURRY FEED FOR A SOLID-LIQUID SEPARATION PROCESS**
[54] **METHODE DE MESURE D'UN APPORT DE BOUE POUR UN PROCEDE DE SEPARATION SOLIDE-LIQUIDE**
[72] LIU, YIJUN, US
[72] MARR, MICHAEL A., CA
[72] SETH, ALOK R., US
[72] RENNARD, DAVID C., CA
[72] LENART, PHILIP J., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[51] **Int.Cl. B60L 15/20 (2006.01)**
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[54] **CONTROL DEVICE FOR ELECTRIC MOTOR VEHICLE AND CONTROL METHOD FOR ELECTRIC MOTOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE POUR VEHICULE ELECTRIQUE, ET PROCEDE DE COMMANDE POUR VEHICULE ELECTRIQUE**
[72] SAWADA, AKIRA, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] KOMATSU, HIROYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **METHODS AND DEVICES FOR SYNCHRONIZING AND SHARING MEDIA ITEMS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE SYNCHRONISER ET DE PARTAGER DES ELEMENTS MULTIMEDIAS**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[73] FACEBOOK, INC., US
[85] 2017-07-28
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[51] **Int.Cl. E05F 15/689 (2015.01) B62D 65/06 (2006.01) E05F 11/38 (2006.01)**
[25] EN
[54] **DEVICE FOR FASTENING AND ELECTRICAL CONTACTING OF A VEHICLE WINDOW PANE**
[54] **DISPOSITIF DE FIXATION ET DE MISE EN CONTACT ELECTRIQUE D'UN PANNEAU DE VITRE DE VEHICULE**
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[72] REUL, BERNHARD, DE
[72] KUHNEN, THORSTEN, DE
[72] CARL, ANDRE, DE
[72] SCHATKE, SILVIO, DE
[72] SCHULZ, JOHANNES, DE
[72] HEPPNER, MATHIAS, DE
[72] KRIESE, OLAF, DE
[72] ANGERMULLER, MELANIE, DE
[73] SAINT-GOBAIN GLASS FRANCE S.A., FR
[85] 2017-09-18
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[51] **Int.Cl. E06B 11/02 (2006.01) E06B 3/44 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **VERTICALLY MOVABLE GATE WITH A GATE PANEL**
[54] **PORTIQUE MOBILE VERTICALEMENT DOTE D'UN PANNEAU DE PORTIQUE**
[72] REJC, GABRIJEL, DE
[73] REJC, GABRIJEL, DE
[85] 2017-09-22
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[54] **THERMAL BREAK FOR USE IN CONSTRUCTION**
[54] **BARRIERE THERMIQUE POUR L'UTILISATION DANS LA CONSTRUCTION**
[72] KNOBLAUCH, JEFFREY S., CA
[72] KRISH, JARED D., CA
[73] JK WORLDWIDE ENTERPRISES INC., CA
[85] 2017-09-21
[86] 2016-03-23 (PCT/CA2016/050335)
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[25] EN
[54] **PROCESS AND REACTOR FOR ARSENIC FIXATION**
[54] **PROCEDE ET REACTEUR POUR LA FIXATION D'ARSENIC**
[72] ADHAM, KAMAL, CA
[72] HARRIS, CHRISTOPHER THOMAS, CA
[72] TWIGGE-MOLECEY, CHRISTOPHER FRANCIS MICHAEL, CA
[73] HATCH LTD., CA
[85] 2017-10-12
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[25] EN
[54] **PRESSED COMPONENT MANUFACTURING METHOD, PRESSED COMPONENT, AND PRESS APPARATUS**
[54] **PROCEDE PERMETTANT DE PRODUIRE UN PRODUIT MOULE A LA PRESSE, PRODUIT MOULE A LA PRESSE ET DISPOSITIF DE PRESSAGE**
[72] KUBO, MASAHIRO, JP
[72] YOSHIDA, HIROSHI, JP
[72] MIYAGI, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-10-19
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[54] **METHOD FOR PREVENTING DEPOSITS IN PIPES**
[54] **METHODE DE PREVENTION DES DEPOTS DANS LES TUYAUX**
[72] LIVSHITZ, DANNY D. L., CA
[73] LIVSHITZ, DANNY D. L., CA
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[51] **Int.Cl. B60G 11/10 (2006.01) B60G 11/113 (2006.01)**
[25] EN
[54] **SPRING SEATS AND VEHICLE SUSPENSION SYSTEMS INCORPORATING SUCH SPRING SEATS**
[54] **SIEGES DE RESSORTS ET SYSTEMES DE SUSPENSION DE VEHICULE COMPORTANT DE TELS SIEGES DE RESSORTS**
[72] BLOINK, MICHAEL P., US
[72] DILWORTH, DAMON E., US
[72] ELWOOD, PAUL D., US
[73] HENDRICKSON USA, L.L.C., US
[85] 2017-11-09
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[25] EN
[54] **POLARIZATION CONTROLLING OPTICAL FIBER PREFORM AND PREFORM FABRICATION METHODS**
[54] **PREFORME POUR FIBRES OPTIQUES A COMMANDE DE POLARISATION ET METHODES DE FABRICATION DE PREFORME**
[72] DOWD, EDWARD M., US
[72] SANDERS, PAUL E., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2987108)
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[54] **HEEL DAMPENING SYSTEMS AND FOOTWEAR INCLUDING THE SAME**
[54] **SYSTEMES D'AMORTISSEMENT DE TALON ET CHAUSSURES LES COMPRENANT**
[72] BUCK, CALVIN MYRON, IV, US
[72] GROTT, MARCO AURELIO, US
[73] ARIAT INTERNATIONAL, INC., US
[85] 2017-12-07
[86] 2016-08-11 (PCT/US2016/046556)
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[25] EN
[54] **FLYWHEEL DEVICE FOR POSITION STABILIZATION OF A SPACECRAFT**
[54] **DISPOSITIF A ROUE D'INERTIE POUR LA STABILISATION D'UN ENGIN SPATIAL**
[72] EHINGER, MARKUS, DE
[73] ROCKWELL COLLINS DEUTSCHLAND GMBH, DE
[85] 2018-02-02
[86] 2016-07-15 (PCT/EP2016/066911)
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[25] EN
[54] **METHOD AND APPARATUS FOR ILLUMINATING AN OBJECT FIELD IMAGED BY A RECTANGULAR IMAGE SENSOR**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ECLAIRER UN CHAMP OBJET IMAGE PAR UN CAPTEUR D'IMAGE DE FORME RECTANGULAIRE**
[72] CHINNOCK, RANDAL B., US
[72] WEBER, WILLIAM L., US
[73] TITAN MEDICAL INC., CA
[85] 2018-02-19
[86] 2016-08-23 (PCT/CA2016/000215)
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[51] **Int.Cl. A61F 5/14 (2006.01) A43B 7/14 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **FOOTBED FOR USE IN OPEN FOOTWEAR FOR RELEASABLY RETAINING ORTHOTIC INSERTS**
[54] **ASSISE PLANTAIRE DESTINEE A ETRE UTILISEE DANS UNE CHAUSSURE OUVERTE POUR RETENIR DE MANIERE AMOVIBLE DES INSERTS ORTHOPEDIQUES**
[72] BRADLEY, NORMAN, CA
[73] BRADLEY, NORMAN, CA
[85] 2018-03-29
[86] 2017-05-10 (PCT/CA2017/000124)
[87] (WO2017/197486)
[30] US (62/391,881) 2016-05-16
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[25] EN
[54] **METHOD FOR INTENTIONALLY MISTUNING A TURBINE BLADE OF A TURBOMACHINE**
[54] **PROCEDE POUR INTRODUIRE UN DESACCORDAGE VOLONTAIRE DANS UNE ROUE AUBAGEE DE TURBOMACHINE**
[72] MONTES PARRA, ROGER FELIPE, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[85] 2018-04-26
[86] 2016-10-28 (PCT/FR2016/052819)
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[25] EN
[54] **LASERCASE**
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[72] JOHANNSSON, ADAM R., CA
[71] JOHANNSSON, ADAM R., CA
[22] 2017-01-16
[41] 2018-07-16

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[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CAPTURING GREENHOUSE GASES**
[54] **APPAREIL ET METHODE DE CAPTURE DE GAZ A EFFET DE SERRE**
[72] HALL, AMANDA LEA, CA
[71] HALL, AMANDA LEA, CA
[22] 2017-01-16
[41] 2018-07-16

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[51] **Int.Cl. E04D 15/00 (2006.01) B25B 11/00 (2006.01) E04B 7/00 (2006.01) E04C 3/02 (2006.01) E04F 21/00 (2006.01) F16B 7/00 (2006.01)**
[25] EN
[54] **UNIVERSAL BRACING BRACKET FOR ROOF ERECTION**
[54] **UNIVERSAL BRACING BRACKET FOR ROOF ERECTION**
[72] SMITH, DALE, CA
[71] SMITH, DALE, CA
[22] 2017-01-16
[41] 2018-07-16

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[51] **Int.Cl. H02M 3/04 (2006.01) H02M 1/08 (2006.01) H05F 7/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR CONVERTING HARVESTED LOW VOLTAGE POTENTIAL ENERGY, OR HIGH-VOLTAGE LOW CURRENT ENERGY INTO A HIGHER VOLTAGE POTENTIAL ENERGY, FOR USE AS A ENERGY SOURCE**
[54] **UN SYSTEME ET UNE METHODE DE CONVERSION DE L'ENERGIE POTENTIELLE BASSE TENSION CAPTEE OU DE L'ENERGIE DE FAIBLE COURANT HAUTE TENSION EN UNE ENERGIE POTENTIELLE A TENSION SUPERIEURE, DESTINEE A UNE UTILISATION COMME SOURCE D'ENERGIE**
[72] MILLER, MITCHELL B., CA
[71] MILLER, MITCHELL B., CA
[22] 2017-01-16
[41] 2018-07-16

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[13] A1
[51] **Int.Cl. G16H 10/60 (2018.01)**
[25] EN
[54] **PHARMACOVIGILANCE SMARTPHONE APPLICATION FOR ADVERSE EVENT REPORTING AND MANAGEMENT, FOR IOS AND ANDROID**
[54] **APPLICATION DE TELEPHONE INTELLIGENT DE PHARMACOVIGILANCE DESTINEE AU SIGNALEMENT ET A LA GESTION D'EVENEMENT, POUR IOS ET ANDROID**
[72] BENJAMIN, PIERRE, CA
[71] BENJAMIN, PIERRE, CA
[22] 2017-01-16
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[51] **Int.Cl. C08F 32/08 (2006.01) H01L 27/115 (2017.01)**
[25] EN
[54] **POLYMER BASED MEMRISTORS**
[54] **RESISTANCES MEM A BASE DE POLYMERE**
[72] GILROY, JOE B., CA
[72] FANCHINI, GIOVANNI, CA
[72] PAQUETTE, JOSEPH A., CA
[72] EZUGWU, SABASTINE C., CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[22] 2017-01-16
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[51] **Int.Cl. G03B 17/17 (2006.01) H04W 88/02 (2009.01) H04B 1/3888 (2015.01)**
[25] EN
[54] **FLIPCASE**
[54] **ENVELOPPE A RABAT**
[72] JOHANNSSON, ADAM R., CA
[71] JOHANNSSON, ADAM R., CA
[22] 2017-01-16
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[13] A1
[51] **Int.Cl. A61H 1/02 (2006.01) A63B 22/04 (2006.01) A63B 23/04 (2006.01)**
[25] EN
[54] **PROACTIVE MOBILITY DEVICE (PMD)**
[54] **DISPOSITIF DE MOBILITE PROACTIVE**
[72] SAMUEL, SWAPNA, CA
[71] SAMUEL, SWAPNA, CA
[22] 2017-01-17
[41] 2018-07-17

[21] **2,954,874**
[13] A1
[51] **Int.Cl. E01H 5/08 (2006.01) E01H 5/09 (2006.01)**
[25] FR
[54] **ADAPTABLE BLOWER, VEHICLE EQUIPPED WITH SUCH A BLOWER, KIT FOR ITS ASSEMBLY, AND CORRESPONDING ASSEMBLY AND OPERATING METHODS**
[54] **SOUFFLEUSE ADAPTABLE, VEHICULE POURVU D'UNE TELLE SOUFFLEUSE, KIT POUR L'ASSEMBLER, ET METHODES D'ASSEMBLAGE ET D'OPERATION CORRESPONDANTES**
[72] CHAMPAGNE, CHRISTIAN, CA
[72] BELLEVILLE, BENOIT, CA
[72] BEAULIEU, NORMAND, CA
[71] LES MACHINERIES PRONOVOST INC., CA
[22] 2017-01-17
[41] 2018-07-17

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[51] **Int.Cl. E05B 73/00 (2006.01) B62J 11/00 (2006.01) E05B 69/00 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR ARTICLES**
[54] **DISPOSITIF DE VERROUILLAGE D'ARTICLES**
[72] MATTA, ALEXANDER, CA
[71] MATTA, ALEXANDER, CA
[22] 2017-01-17
[41] 2018-07-17

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[51] **Int.Cl. A61F 5/14 (2006.01) A43B 7/22 (2006.01)**
[25] EN
[54] **COLOR MATCHED FASHIONABLE SHOE INSERT FOR OPEN SHOES DEVICE AND METHOD**
[54] **GARNITURE INTERIEURE DE CHAUSSURE MODE DE COULEUR ASSORTIE DESTINEE A UN DISPOSITIF DE CHAUSSURES OUVERTES ET METHODE**
[72] DHANJAL, NERINDER, CA
[71] DHANJAL, NERINDER, CA
[22] 2017-01-17
[41] 2018-07-17

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[51] **Int.Cl. A01F 15/08 (2006.01) B30B 9/30 (2006.01)**
[25] EN
[54] **WALKING WALLS BALE EJECTOR**
[54] **EJECTEUR DE BALLOTS A PAROIS DEFILANTES**
[72] BERGKAMP, ALAN R., US
[72] VAUGHN, MARK, US
[71] ACCENT PACKAGING, INC., US
[22] 2017-01-20
[41] 2018-07-20

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[51] **Int.Cl. A47K 10/38 (2006.01)**
[25] EN
[54] **DISPENSER WITH NOISE DAMPENER**
[54] **DISTRIBUTEUR DOTE D'UN ATTENUATEUR DE BRUIT**
[72] PAUL, RYAN M., US
[71] ALWIN MANUFACTURING CO., INC., US
[22] 2017-01-17
[41] 2018-07-17
[30] US (15/407,923) 2017-01-17

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[51] **Int.Cl. A45B 7/00 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR AIDING MOBILITY OF A USER**
[54] **APPAREIL D'AIDE A LA MOBILITE D'UN UTILISATEUR**
[72] BERNHARDT, DAVID M., CA
[72] LONGLEY, MARK K., CA
[71] TECHREV DESIGN GROUP INC., CA
[22] 2017-01-17
[41] 2018-07-17

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[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) G06F 3/00 (2006.01) G06T 15/00 (2011.01) G09G 5/00 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **COLOUR-Z: LOW-D LOADING TO HIGH-D PROCESSING**
[54] **COULEUR-Z : DE CHARGEMENT A BASSE D A TRAITEMENT A HAUTE D**
[72] HARTLING, DEREK J., CA
[71] HARTLING, DEREK J., CA
[22] 2017-01-19
[41] 2018-07-19

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[13] A1
[51] **Int.Cl. A45F 5/02 (2006.01) A41D 1/04 (2006.01) A41H 43/00 (2006.01) A45F 3/04 (2006.01) C09D 175/02 (2006.01)**
[25] EN
[54] **ATTACHMENT SYSTEM WITH REINFORCING COATING**
[54] **SYSTEME DE FIXATION DOTE D'UN REVETEMENT DE RENFORT**
[72] ALCANTRA, CRES TRILLES, US
[72] AGUILAR, FERNANDO CALDERON, US
[72] LAMBERT, SCOTT MICHAEL, US
[72] DHAMANKAR, BHALCHANDRA, CN
[71] 5.11, INC., US
[22] 2017-01-19
[41] 2018-07-19

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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **AUTOMATED LOAN UNDERWRITING**
[54] **SOUSCRIPTION DE PRET AUTOMATISE**
[72] COWARD, CLIFFORD D., CA
[71] COWARD, CLIFFORD D., CA
[22] 2017-01-16
[41] 2018-07-16

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[51] **Int.Cl. B21D 7/00 (2006.01)**
[25] EN
[54] **HAND TOOL FOR BENDING REBAR**
[54] **OUTIL MANUEL DE COURBURE DE BARRE D'ARMATURE**
[72] LAUER, MANUEL DAVID, US
[71] LAUER INDUSTRIES, LLC, US
[22] 2017-01-20
[41] 2018-07-20

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[13] A1
[51] **Int.Cl. A47J 42/34 (2006.01) A24B 3/18 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **TOOTHLESS HERB GRINDER SYSTEM**
[54] **SYSTEME DE MOULIN A HERBES SANS DENT**
[72] MENNILLO, CHRISTOPHER, CA
[71] MENNILLO, CHRISTOPHER, CA
[22] 2017-01-20
[41] 2018-07-20

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[13] A1
[51] **Int.Cl. A61L 9/014 (2006.01) C09F 9/00 (2006.01)**
[25] EN
[54] **MOISTURE AND ODOUR REMOVING INSERT**
[54] **GARNITURE INTERIEURE ENLEVANT L'HUMIDITE ET LES ODEURS**
[72] BAZOS, DEMETRIUS J., CA
[72] KONIDAS, PETER J., CA
[71] 1945975 ALBERTA LTD, CA
[22] 2017-01-20
[41] 2018-07-20

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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **REMOVING OPENER FORCE TO REDUCE SOIL DISTURBANCE**
[54] **RETRAIT DE LA FORCE D'ORGANE OUVREUR AFIN DE REDUIRE LA PERTURBATION DU SOL**
[72] BEAUJOT, NORBERT, CA
[71] SEEDMASTER MANUFACTURING LTD., CA
[22] 2017-01-18
[41] 2018-07-18

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[13] A1
[51] **Int.Cl. G21F 5/14 (2006.01) G21F 5/12 (2006.01)**
[25] EN
[54] **BIOHAZARDOUS MATERIAL TRANSPORTING PIG WITH SAFETY CONTAINER CLOSURE REMOVER**
[54] **RACLEUR TRANSPORTANT DES MATERIAUX BIODANGEREUX DOTE D'UN MECANISME D'ENLEVEMENT DE FERMETURE DE CONTENANT SECURITAIRE**
[72] KAMEN, ROBERT, CA
[71] KAMEN, ROBERT, CA
[22] 2017-01-20
[41] 2018-07-20

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[13] A1
[51] **Int.Cl. F23C 1/08 (2006.01) F23C 5/02 (2006.01) F24H 1/00 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **GAS HEATER CONVERSION SYSTEM AND METHOD**
[54] **SYSTEME DE CONVERSION D'APPAREIL DE CHAUFFAGE AU GAZ ET METHODE**
[72] MAHE, MARC, CA
[72] FOULDS, KEN, CA
[72] STEWART, MARLIN, CA
[72] FROLAND, LANNY, CA
[71] MAHE, MARC, CA
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[71] STEWART, MARLIN, CA
[71] FROLAND, LANNY, CA
[22] 2017-01-20
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[25] EN
[54] **SUPPORT FOR A MOBILE ELECTRONIC DEVICE**
[54] **SUPPORT DESTINE A UN APPAREIL ELECTRONIQUE MOBILE**
[72] YUAN, CHEN-KEE, CA
[71] YUAN, CHEN-KEE, CA
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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 2/04 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **SOLUTION POLYMERIZATION PROCESS**
[54] **PROCEDE DE POLYMERISATION DE SOLUTION**
[72] ZORICAK, PETER, CA
[72] HOANG, PETER PHUNG MINH, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-01-19
[41] 2018-07-19

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[13] A1
[51] **Int.Cl. A24F 1/30 (2006.01) C06D 3/00 (2006.01)**
[25] EN
[54] **A SMOKING APPARATUS AND A METHOD OF USING SAME**
[54] **UN APPAREIL DE FUMOIR ET UNE METHODE D'UTILISATION ASSOCIEE**
[72] BEBEE, JEFFREY LLOYD, CA
[71] MODERN VITAL INC., CA
[22] 2017-02-02
[41] 2018-07-17
[30] US (15/408,140) 2017-01-17

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[51] **Int.Cl. H01M 8/18 (2006.01)**
[25] EN
[54] **QUATERNARY AMMONIUM HALIDES WITH ETHER FUNCTIONAL GROUPS FOR USE AS BATTERY ELECTROLYTES**
[54] **HALOGENURES D'AMMONIUM QUATERNAIRE RENFERMANT DES GROUPES ETHER FONCTIONNELS DESTINES A UNE UTILISATION COMME ELECTROLYTES DE BATTERIE**
[72] GE, ZHONGXIN, US
[72] MANIMARAN, THANIKAVELU, US
[72] O'DAY, JOSEPH, US
[71] ALBEMARLE CORPORATION, US
[22] 2017-02-14
[41] 2018-07-20
[30] US (62/448,480) 2017-01-20

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[51] **Int.Cl. G01S 3/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DIRECTION FINDING WITH DIRECTION EVALUATION**
[54] **METHODE ET DISPOSITIF DE REPERAGE DE DIRECTION AU MOYEN DE L'EVALUATION DE DIRECTION**
[72] SCHELLENS, PHILIPP, DE
[71] ROHDE & SCHWARZ GMBH & CO. KG, DE
[22] 2017-03-15
[41] 2018-07-20
[30] EP (17 152 327.7) 2017-01-20
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[51] **Int.Cl. E04H 13/00 (2006.01)**
[25] EN
[54] **FUNERARY CONSTRUCTION FOR CONTAINING FUNERARY OBJECTS**
[54] **CONSTRUCTION FUNERAIRE DESTINEE A CONTENIR DES OBJETS FUNERAIRES**
[72] ROSSI, FILIPPO, IT
[71] BIONDAN NORTH AMERICA INC., CA
[22] 2017-03-30
[41] 2018-07-19
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[51] **Int.Cl. A47B 13/08 (2006.01) A47B 96/20 (2006.01) B32B 7/12 (2006.01) B32B 9/00 (2006.01)**
[25] EN
[54] **STONE VENEER TABLE TOP**
[54] **DESSUS DE TABLE EN CONTREPLAQUE A SURFACE EN PIERRE**
[72] GARRISON, SCOTT, US
[71] GARRISON, SCOTT, US
[22] 2017-04-19
[41] 2018-07-18
[30] US (15/409,437) 2017-01-18

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[51] **Int.Cl. A47J 43/18 (2006.01) A47G 21/06 (2006.01)**
[25] EN
[54] **OYSTER SHUCKING BOARD**
[54] **PLANCHE D'ECAILLAGE D'HUITRE**
[72] SOBEY, LIAM, CA
[71] SOBEY, LIAM, CA
[22] 2017-05-25
[41] 2018-07-17
[30] US (15/408,289) 2017-01-17

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[51] **Int.Cl. H02G 3/06 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **CONDUIT STUB-UP ASSEMBLY**
[54] **CONFIGURATION D'EMBASE VERTICALE DE CONDUIT**
[72] KRAUSE, JEFFREY, US
[71] CSUE TECHNOLOGIES, INC., US
[22] 2017-05-29
[41] 2018-07-20
[30] US (15/411,295) 2017-01-20

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[51] **Int.Cl. F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21V 29/83 (2015.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LED LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE DEL**
[72] FORTIN, LUC, CA
[71] LUMCA INC., CA
[22] 2017-06-28
[41] 2018-07-16
[30] US (62/446.678) 2017-01-16

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[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEM FOR SERVICE WAITING MANAGEMENT AND METHOD THEREFOR**
[54] **SYSTEME DE GESTION DE SERVICE ET METHODE ASSOCIEE**
[72] KIM, JEONGMI, KR
[71] KIM, JEONGMI, KR
[22] 2017-07-28
[41] 2018-07-16
[30] KR (10-2017-0007091) 2017-01-16

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[51] **Int.Cl. B60D 1/58 (2006.01) B60Q 1/26 (2006.01) B60Q 9/00 (2006.01)**
[25] EN
[54] **HIGH VISIBILITY SAFETY STRAP AND METHODS FOR SECURING A TRAILER TO A TOWING VEHICLE**
[54] **SANGLE DE SURETE A HAUTE VISIBILITE ET METHODE DE FIXATION D'UNE REMORQUE A UN VEHICULE REMORQUEUR**
[72] SCHULTZ, JOHN G., US
[72] O'DANIEL, DENISE S., US
[71] SCHULTZ, JOHN G., US
[71] O'DANIEL, DENISE S., US
[22] 2017-09-14
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[25] EN
[54] **BIO-METHANOL PRODUCTION**
[54] **PRODUCTION DE BIOMETHANOL**
[72] MACGREGOR, NORMAN J., CA
[71] ULTRA CLEAN ECOLENE INC., CA
[22] 2017-09-28
[41] 2018-07-17

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[13] A1
[51] **Int.Cl. F41H 5/08 (2006.01) F41H 5/06 (2006.01)**
[25] EN
[54] **FREE-FLOATING BALLISTIC SHIELD HANDLE SYSTEM**
[54] **SYSTEME DE POIGNEE DE PROTECTION BALISTIQUE FLOTTANTE**
[72] ARMELLINO, RICHARD A., JR., US
[71] BAKER BALLISTICS, LLC, US
[22] 2017-10-18
[41] 2018-07-16
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[51] **Int.Cl. A47B 13/08 (2006.01) A47B 23/00 (2006.01) A47G 23/06 (2006.01) B61D 37/00 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **TRAY TABLE TRAYS**
[54] **PLATEAUX DESTINES A UNE TABLETTE**
[72] KAJAK, PAWEL, PL
[71] THE BOEING COMPANY, US
[22] 2017-10-24
[41] 2018-07-18
[30] US (15/408601) 2017-01-18

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[51] **Int.Cl. F16M 13/00 (2006.01) A45C 11/00 (2006.01) A47G 1/14 (2006.01)**
[25] EN
[54] **SUPPORT FOR A MOBILE ELECTRONIC DEVICE**
[54] **SUPPORT DESTINE A UN APPAREIL ELECTRONIQUE MOBILE**
[72] YUAN, CHEN-KEE, CA
[71] YUAN, CHEN-KEE, CA
[22] 2017-10-24
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[30] CA (2,955,524) 2017-01-20

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[51] **Int.Cl. C23F 11/10 (2006.01) C09D 5/08 (2006.01)**
[25] EN
[54] **SUSTAINABLE ADDITIVES FOR ANTI-CORROSION COATINGS FOR SUBSTRATES**
[54] **ADDITIFS DURABLES DESTINES A DES REVETEMENTS ANTICORROSION DE SUBSTRATS**
[72] KINLEN, PATRICK JOHN, US
[72] SCHUETTE, WAYNIE MARK, US
[72] PIMENTA, LUCIA PINHEIRO SANTOS, BZ
[72] PARRISH, CATHERINE JANE, US
[71] THE BOEING COMPANY, US
[71] UNIVERSIDADE FEDERAL DE MINAS GERAIS-UFMG, BR
[22] 2017-11-07
[41] 2018-07-19
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[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01) B64F 5/60 (2017.01) H02N 11/00 (2006.01)**
[25] EN
[54] **STRUCTURAL HEALTH MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA SANTE STRUCTURELLE**
[72] MITCHELL, TIMOTHY M., US
[72] HOOD, JOHN MICHAEL, US
[72] BAUGHEN, DEVON ALEXANDER, US
[71] THE BOEING COMPANY, US
[22] 2017-11-10
[41] 2018-07-16
[30] US (15/407226) 2017-01-16

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[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **CHAIN TENSIONER FOR ROLLER BLIND**
[54] **TENDEUR DE CHAINE DESTINE A UN STORE ENROULEUR**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
[22] 2017-11-24
[41] 2018-07-19
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[25] EN
[54] **STEERING WHEEL CONTROLLER**
[54] **CONTROLEUR DE VOLANT**
[72] ASHTARI, NIMA, CA
[71] X-MATIK INC., CA
[22] 2017-11-24
[41] 2018-07-16
[30] US (62/446683) 2017-01-16

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[51] **Int.Cl. A47B 61/00 (2006.01) A47B 47/04 (2006.01) A47B 57/20 (2006.01) A47B 96/06 (2006.01) E04B 2/74 (2006.01) F16B 12/00 (2006.01)**
[25] EN
[54] **CLOSET PARTITION SYSTEM AND METHOD OF ASSEMBLY**
[54] **SYSTEME DE PARTITION DE PLACARD ET METHODE D'ASSEMBLAGE**
[72] WILL, BRYON J., US
[72] BEEBE, PETER J., US
[72] FANCHER, JONATHAN T., US
[71] THE STOW COMPANY-HOLLAND, INC., US
[22] 2017-11-27
[41] 2018-07-19
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[25] EN
[54] **MODULAR PINION SHAFT FOR RECIPROCATING PUMPS**
[54] **TIGE DE PIGNON MODULAIRE DESTINEE A DES POMPES RECIPROQUES**
[72] CHUNN, AUSTIN, US
[72] FREED, WESLEY, US
[72] DILLE, C. MARK, US
[71] FORUM US, INC., US
[22] 2017-11-29
[41] 2018-07-17
[30] US (15/407/888) 2017-01-17

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[51] **Int.Cl. A01F 25/22 (2006.01)**
[25] EN
[54] **GRAIN STORAGE BIN WITH AERATION SYSTEM**
[54] **BAC DE STOCKAGE DE GRAINS DOTE D'UN SYSTEME D'AERATION**
[72] COMTE, ALAIN, CA
[71] COMTE, ALAIN, CA
[22] 2017-11-29
[41] 2018-07-20
[30] US (62448624) 2017-01-20

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[51] **Int.Cl. E05B 59/00 (2006.01) E05B 17/20 (2006.01)**
[25] EN
[54] **MULTIPOINT LOCK**
[54] **VERROU MULTIPOINT**
[72] JASKIEWICZ, TOMASZ, US
[72] HEID, GEORGE, US
[72] JOHNSON, ERIC, US
[72] KENDALL, ADAM, US
[71] ENDURA PRODUCTS, INC., US
[22] 2017-12-04
[41] 2018-07-19
[30] US (15/828,640) 2017-12-01
[30] US (62/508,460) 2017-05-19
[30] US (62/488,098) 2017-04-21
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[51] **Int.Cl. E21B 10/56 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **DRILL BIT HAVING SHEAR CUTTERS WITH REDUCED DIAMETER SUBSTRATE**
[54] **FORET COMPORTANT DES COUTEAUX DE CISAILLEMENT COMPORTANT UN SUBSTRAT A DIAMETRE REDUIT**
[72] TILLEMAN, DANIEL MICHAEL, CA
[71] VAREL INTERNATIONAL IND., L.P., US
[22] 2017-12-05
[41] 2018-07-18
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[13] A1
[51] **Int.Cl. F21V 21/02 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **MOUNTING SYSTEM FOR LIGHT FIXTURE**
[54] **SYSTEME D'INSTALLATION D'APPAREIL D'ECLAIRAGE**
[72] SIECZKOWSKI, PHILIP, US
[72] ZIZZI, DAVID, US
[71] ABL IP HOLDING LLC, US
[22] 2017-12-07
[41] 2018-07-17
[30] US (15/407,339) 2017-01-17

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[51] **Int.Cl. B44D 3/22 (2006.01) B43K 8/02 (2006.01)**
[25] EN
[54] **MARKER AIRBRUSH**
[54] **AEROGRAPHE DE MARQUAGE**
[72] BRAND, DOUGLAS, US
[72] SHARP, ADAM SCOTT, US
[72] RAU, THOMAS R., US
[72] SANDT, ADAM, US
[72] MCBRIDE, JOHN D., JR., US
[71] CRAYOLA LLC, US
[22] 2017-12-11
[41] 2018-07-17
[30] US (15/408022) 2017-01-17

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[51] **Int.Cl. B61D 19/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SECURING RAILCAR DOORS**
[54] **APPAREIL ET METHODE DE FIXATION DE PORTES DE WAGON**
[72] CENCER, ROBERT J., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-12-13
[41] 2018-07-17
[30] US (15/407,732) 2017-01-17

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[51] **Int.Cl. B60W 10/103 (2012.01) F16H 61/47 (2010.01) B60W 30/188 (2012.01) B60W 10/04 (2006.01) F16H 61/46 (2010.01)**
[25] EN
[54] **CONTROL ARRANGEMENT FOR AN ENGINE AND A HYDROSTATIC TRANSMISSION OF A VEHICLE**
[54] **DISPOSITIF DE COMMANDE D'UN MOTEUR ET TRANSMISSION HYDROSTATIQUE D'UN VEHICULE**
[72] PALMROTH, LAURI, FI
[72] KANANOJA, TEEMU KRISTIAN, FI
[72] SUORANTA, VILLE MATTI, FI
[71] DEERE & COMPANY, US
[22] 2017-12-18
[41] 2018-07-18
[30] EP (17152032.3) 2017-01-18

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[13] A1
[51] **Int.Cl. B21D 43/00 (2006.01) B21D 22/02 (2006.01) B21D 45/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR MANIPULATION OF NESTED STAMPED PARTS**
[54] **APPAREIL, SYSTEME ET METHODE DE MANIPULATION DE PIECES ESTAMPEES EMBOITEES**
[72] MOORE, WILLIAM R., US
[72] GERMANN, EMILY, US
[72] THOMPSON, PAUL ADAMS, US
[72] MCQUEEN, JOHN SCOTT, US
[72] TEUBL, JEFFREY FRANK, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-12-18
[41] 2018-07-17
[30] US (15/408,050) 2017-01-17

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[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01)**
[25] EN
[54] **DRUG FLUTING MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL DE CANNELAGE DE MEDICAMENT**
[72] MORGAN, TERRY, US
[72] SERSEN, BETH, US
[72] SCHULZ-JANDER, DANIEL, US
[72] TRAINA, JOSEPH, US
[72] GRAHAM, BRIAN, US
[72] SULLIVAN, CAROL, US
[72] HODGKINSON, GERALD, US
[71] COVIDIEN LP, US
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[41] 2018-07-20
[30] US (62/448,509) 2017-01-20
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[51] **Int.Cl. B60P 7/02 (2006.01) B60J 7/14 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **PIVOTING TONNEAU COVER SYSTEM FOR TRUCK**
[54] **SYSTEME DE COUVRE-TONNEAU PIVOTANT DESTINE A UN CAMION**
[72] FACCHINELLO, JEROME J., US
[71] EXTANG CORPORATION, US
[22] 2018-01-03
[41] 2018-07-17
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[13] A1
[51] **Int.Cl. H01P 1/208 (2006.01) H01P 7/06 (2006.01) H01P 5/04 (2006.01)**
[25] EN
[54] **CHANNEL FILTER WITH ADJUSTABLE FREQUENCY**
[54] **FILTRE DE CANAL A FREQUENCE REGLABLE**
[72] ARNOLD, CHRISTIAN, DE
[72] PARLEBAS, JEAN, DE
[71] TESAT-SPACECOM GMBH & CO. KG, DE
[22] 2018-01-03
[41] 2018-07-16
[30] DE (102017100714.8) 2017-01-16

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[51] **Int.Cl. F02D 21/08 (2006.01) F02M 26/02 (2016.01) F02D 23/00 (2006.01) F02D 41/30 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE SYSTEM AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE MOTEUR A COMBUSTION INTERNE ET METHODE DE COMMANDE DE MOTEUR A COMBUSTION INTERNE**
[72] HOTTA, SHINTARO, JP
[72] KATO, AKIRA, JP
[72] MITANI, SHINICHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-03
[41] 2018-07-17
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[51] **Int.Cl. G01F 15/00 (2006.01) G01F 1/34 (2006.01) H02P 9/04 (2006.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01)**
[25] EN
[54] **REGULATING PRESSURE AND HARVESTING ENERGY AS RELATES TO FLOW METERS AND METROLOGY HARDWARE**
[54] **REGULATION DE PRESSION ET CAPTURE D'ENERGIE DE DEBITMETRES ET MATERIEL DE METROLOGIE**
[72] ARTIUCH, ROMAN LEON, US
[72] GUTIERREZ, FRANCISCO MANUEL, US
[71] DRESSER, INC., US
[22] 2018-01-04
[41] 2018-07-16
[30] US (15/407,083) 2017-01-16

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[13] A1
[51] **Int.Cl. G01F 15/00 (2006.01) G01D 5/42 (2006.01) H02J 7/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **HARVESTING ENERGY ON A METROLOGY DEVICE**
[54] **CAPTURE D'ENERGIE SUR UN APPAREIL DE METROLOGIE**
[72] GUTIERREZ, FRANCISCO MANUEL, US
[71] DRESSER, INC., US
[22] 2018-01-04
[41] 2018-07-16
[30] US (15/407,109) 2017-01-16

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[51] **Int.Cl. F16H 57/02 (2012.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01) F16H 57/04 (2010.01)**
[25] EN
[54] **APPARATUS FOR A GEARBOX WITH MULTIPLE SCAVENGE PORTS**
[54] **APPAREIL DESTINE A UN EMBRAYAGE DOTE DE PLUSIEURS ORIFICES DE DECRASSAGE**
[72] HALLMAN, DARREN LEE, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-01-04
[41] 2018-07-18
[30] US (15/408,988) 2017-01-18

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[51] **Int.Cl. F21K 9/237 (2016.01) F21K 9/232 (2016.01) F21K 9/238 (2016.01) F21K 9/90 (2016.01)**
[25] EN
[54] **LED LAMP AND ASSEMBLING METHOD THEREOF**
[54] **LAMPE A DEL ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] ZHOU, HUISHENG, CN
[72] SUO, YIN, CN
[72] YAN, HAIJUAN, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2018-01-04
[41] 2018-07-17
[30] CN (201710036140.8) 2017-01-17

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[13] A1
[51] **Int.Cl. A47F 9/04 (2006.01) B65G 21/00 (2006.01)**
[25] EN
[54] **CHECKOUT STATION BUMPER**
[54] **PARECHOC DE POSTE DE VERIFICATION**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2018-01-04
[41] 2018-07-20
[30] US (62/448,484) 2017-01-20

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[13] A1
[51] **Int.Cl. C04B 41/89 (2006.01)**
[25] EN
[54] **BOND LAYER FOR CERAMIC OR CERAMIC MATRIX COMPOSITE**
[54] **COUCHE DE LIAISON DESTINEE A LA CERAMIQUE OU UN COMPOSITE A MATRICE CERAMIQUE**
[72] LANDWEHR, SEAN E., US
[72] CYBULSKY, MICHAEL, US
[72] LEE, KANG N., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-01-05
[41] 2018-07-18
[30] US (62/447,738) 2017-01-18

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[51] **Int.Cl. D21C 11/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF THERMAL RECOVERY RELATING TO THE OPERATION OF A DISSOLVER OF A CHEMICAL RECOVERY BOILER**
[54] **METHODE ET SYSTEME DE RECUPERATION THERMIQUE RELATIFS A L'OPERATION D'UN DISSOLVEUR D'UNE CHAUDIERE DE RECUPERATION DE PRODUIT CHIMIQUE**
[72] MANSIKKASALO, JARMO, FI
[71] VALMET TECHNOLOGIES OY, FI
[22] 2018-01-05
[41] 2018-07-20
[30] FI (20175048) 2017-01-20

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[51] **Int.Cl. F02B 53/14 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02B 37/02 (2006.01) F02B 41/10 (2006.01) F02M 31/20 (2006.01)**
[25] EN
[54] **TURBOFAN ENGINE ASSEMBLY WITH INTERCOOLER**
[54] **ASSEMBLAGE DE REACTEUR A DOUBLE FLUX DOTE D'UN REFROIDISSEUR INTERMEDIAIRE**
[72] JULIEN, ANDRE, CA
[72] THOMASSIN, JEAN, CA
[72] DUSSAULT, SERGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-09
[41] 2018-07-16
[30] US (15/406,980) 2017-01-16

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[51] **Int.Cl. A47B 96/20 (2006.01) A47B 47/04 (2006.01) A47B 96/14 (2006.01) F16B 12/00 (2006.01) F16S 1/14 (2006.01)**
[25] EN
[54] **CONSTRUCTION SYSTEM AND METHOD AND RELATED ARTICLES**
[54] **SYSTEME ET METHODE DE CONSTRUCTION ET ARTICLES ASSOCIES**
[72] BURNETT, MARVIN K., US
[72] STRAYER, MARK A., US
[72] FIFER, NEAL J., US
[71] SAUDER WOODWORKING CO., US
[22] 2018-01-10
[41] 2018-07-17
[30] US (15/407,921) 2017-01-17
[30] US (15/657,390) 2017-07-24

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[13] A1
[51] **Int.Cl. F02B 53/14 (2006.01) F01C 1/22 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **TURBOFAN ENGINE ASSEMBLY WITH GEARBOX**
[54] **ASSEMBLAGE DE REACTEUR A DOUBLE FLUX DOTE D'UNE BOITE D'ENGRENAGES**
[72] JULIEN, ANDRE, CA
[72] THOMASSIN, JEAN, CA
[72] DUSSAULT, SERGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-09
[41] 2018-07-16
[30] US (15/406,989) 2017-01-16

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[51] **Int.Cl. B03B 5/34 (2006.01)**
[25] EN
[54] **CERAMIC HYDROCYCLONE**
[54] **HYDROCYCLONE EN CERAMIQUE**
[72] KINGSBURY, JOHN, GB
[72] VANJO-CARNELL, JAMES, GB
[72] ABDALLA, TARIG MUKTHAR, NL
[71] NOV PROCESS & FLOW TECHNOLOGIES AS, NO
[22] 2018-01-10
[41] 2018-07-17
[30] NO (20170072) 2017-01-17

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[13] A1
[51] **Int.Cl. H02B 1/38 (2006.01) H02B 1/015 (2006.01)**
[25] EN
[54] **HIGH STRENGTH DOOR SYSTEMS SUITABLE FOR LOAD CENTERS AND/OR METER BREAKERS**
[54] **SYSTEMES DE PORTE HAUTE RESISTANCE DESTINES A DES CENTRES DE RECHARGE OU DES DISJONCTEURS DE COMPTEUR**
[72] JOHNSON, JEFFREY LEE, US
[72] GEHLBACH, JAMES LEE, US
[71] EATON CORPORATION, US
[22] 2018-01-10
[41] 2018-07-18
[30] US (15/408833) 2017-01-18

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[13] A1
[51] **Int.Cl. H04B 10/2575 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING AN ELECTROMAGNETIC SIGNAL**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'UN SIGNAL ELECTROMAGNETIQUE**
[72] NOWAK, THOMAS, DE
[72] VOLLE, CHRISTIAN, DE
[71] ROHDE & SCHWARZ GMBH & CO. KG, DE
[22] 2018-01-11
[41] 2018-07-19
[30] EP (17 152 195.8) 2017-01-19

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[51] **Int.Cl. H01G 11/08 (2013.01) H01G 11/10 (2013.01) C23F 13/04 (2006.01) C23F 13/20 (2006.01) H02J 1/00 (2006.01)**
[25] EN
[54] **CONTROLLING CURRENT IN A SUPERCAPACITOR CATHODIC PROTECTION SYSTEM**
[54] **CONTROLE DU COURANT DANS UN SYSTEME DE PROTECTION CATHODIQUE A SUPER CONDENSATEUR**
[72] HAYES, GEORGE, US
[72] FIRLOTTE, CLEMENT A., US
[71] CORRPRO COMPANIES, INC., US
[22] 2018-01-10
[41] 2018-07-19
[30] US (62/448098) 2017-01-19
[30] US (62/515,012) 2017-06-05

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[51] **Int.Cl. F02B 53/02 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A ROTARY ENGINE**
[54] **METHODE D'UTILISATION D'UN MOTEUR ROTATIF**
[72] JULIEN, ANDRE, CA
[72] SCHULZ, EDWIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-10
[41] 2018-07-18
[30] US (15/408,784) 2017-01-18

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[51] **Int.Cl. F25D 21/04 (2006.01) F24F 3/14 (2006.01) F25B 9/00 (2006.01) F25D 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING MOISTURE IN A REFRIGERATED ROOM**
[54] **SYSTEME ET METHODE DE REDUCTION DE L'HUMIDITE DANS UNE SALLE REFRIGEREE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-01-10
[41] 2018-07-18
[30] US (15/408,708) 2017-01-18

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[51] **Int.Cl. G02B 23/12 (2006.01) F41G 1/38 (2006.01) F41G 1/473 (2006.01) G02B 27/32 (2006.01)**
[25] EN
[54] **RETICLE AND TELESCOPIC SIGHT EQUIPPED THEREWITH, FIREARM HAVING THE SAME, AND METHOD FOR DISTANCE DETERMINATION USING THE RETICLE**
[54] **RETICULE ET MIRE TELESCOPIQUE EQUIPEE DUDIT RETICULE, ARME A FEU COMPORTANT LEDIT RETICULE, ET METHODE DE DETERMINATION DE LA DISTANCE AU MOYEN DUDIT RETICULE**
[72] HOLLER, JONAS, DE
[72] HOLZMANN, MICHAEL, DE
[72] HENNEMANN, JORG, DE
[72] PEHLKE, THOMAS, DE
[72] BROWN, KYLE, US
[71] SCHMIDT & BENDER GMBH & CO. KG, DE
[22] 2018-01-11
[41] 2018-07-16
[30] DE (102017100720.2) 2017-01-16

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[51] **Int.Cl. B60K 6/22 (2007.10) B60K 6/36 (2007.10) B60K 11/00 (2006.01)**
[25] EN
[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] SEKIGUCHI, TADASHI, JP
[72] ITOU, YOSHIO, JP
[72] YANAGIDA, TOMOAKI, JP
[72] OSADA, TOMOE, JP
[72] ASAOKA, HIRONORI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-12
[41] 2018-07-17
[30] JP (2017-005835) 2017-01-17

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[51] **Int.Cl. E21B 34/16 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 34/06 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **DOWNHOLE TOOL INCLUDING A RESETTABLE PLUG WITH A FLOW-THROUGH VALVE**
[54] **OUTIL DE FOND DE TROU COMPORTANT UNE PRISE REINITIALISABLE DOTE D'UN ROBINET A CIRCULATION DIRECTE**
[72] UNKNOWN, ZZ
[71] WENSRICH, JEFFREY B., US
[71] SCHROIT, SAM, US
[22] 2018-01-12
[41] 2018-07-15
[30] US (62/446,512) 2017-01-15
[30] US (62/447,801) 2017-01-18
[30] US (62/449,033) 2017-01-22
[30] US (62/449,996) 2017-01-24
[30] US (62/450,558) 2017-01-25
[30] US (62/479,654) 2017-03-31
[30] US (62/534,200) 2017-07-19
[30] US (62/557,362) 2017-09-12
[30] US (62/577,176) 2017-10-26

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 34/06 (2006.01) E21B 34/16 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **DOWNHOLE TOOL INCLUDING A RESETTABLE PLUG WITH A FLOW-THROUGH VALVE**
[54] **OUTIL DE FOND DE TROU COMPORTANT UNE PRISE REINITIALISABLE DOTE D'UN ROBINET A CIRCULATION DIRECTE**
[72] WENSRICH, JEFFREY B., US
[72] SCHROIT, SAM N., US
[71] WENSRICH, JEFFREY B., US
[71] SCHROIT, SAM N., US
[22] 2018-01-12
[41] 2018-07-15
[30] US (62/446,512) 2017-01-15
[30] US (62/447,801) 2017-01-18
[30] US (62/449,033) 2017-01-22
[30] US (62/449,996) 2017-01-24
[30] US (62/450,558) 2017-01-25
[30] US (62/479,654) 2017-03-31
[30] US (62/534,200) 2017-07-19
[30] US (62/557,362) 2017-09-12
[30] US (62/577,362) 2017-10-26

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[51] **Int.Cl. F25B 6/04 (2006.01) F24F 13/30 (2006.01) F25B 5/02 (2006.01) F25B 9/00 (2006.01) F25B 39/04 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **MULTI-STAGE SYSTEM FOR COOLING A REFRIGERANT**
[54] **SYSTEME MULTIETAGE DESTINE AU REFROIDISSEMENT D'UN REFRIGERANT**
[72] ZHA, SHITONG, US
[72] USELTON, ROBERT B. DUTCH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-01-12
[41] 2018-07-17
[30] US (15/407,418) 2017-01-17

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[13] A1
[51] **Int.Cl. F16D 3/02 (2006.01) B64C 27/12 (2006.01) F16C 3/02 (2006.01)**
[25] EN
[54] **CROWNING OF A SPLINE IN A DIRECTION PERPENDICULAR TO A SPLINE TOOTH FACE**
[54] **COURONNEMENT D'UNE CLAVETTE DANS UNE DIRECTION PERPENDICULAIRE A LA FACE DE LA DENT DE LA CLAVETTE**
[72] OLSON, ERIC STEPHEN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-01-11
[41] 2018-07-15
[30] US (15/406,745) 2017-01-15

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[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/48 (2006.01) E04B 5/02 (2006.01) E04C 5/18 (2006.01)**
[25] EN
[54] **FLOOR DOWEL SLEEVE FOR CONCRETE SLAB SEAMS**
[54] **MANCHON DE GOUJON DE PLANCHER DESTINE A DES JOINTS DE DALLE DE BETON**
[72] HANSORT, MARINUS, US
[71] MIDWEST CONCRETE & MASONRY SUPPLY, INC., US
[22] 2018-01-15
[41] 2018-07-16
[30] US (62/446,704) 2017-01-16

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[13] A1
[51] **Int.Cl. A42B 3/16 (2006.01) A42B 3/04 (2006.01) A42B 3/30 (2006.01)**
[25] EN
[54] **WIREFORM ATTACHMENT MECHANISM**
[54] **MECANISME DE FIXATION DE FIL**
[72] VACCARO, DYLAN, US
[71] SAFARILAND, LLC, US
[22] 2018-01-15
[41] 2018-07-16
[30] US (62/446,692) 2017-01-16
[30] US (62/485,085) 2017-04-13

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[13] A1
[51] **Int.Cl. E05B 67/38 (2006.01) E04H 17/00 (2006.01) E05B 65/00 (2006.01)**
[25] EN
[54] **LOCKING BRACKET FOR SECURING A GATE TO A FENCE POST**
[54] **SUPPORT BLOQUANT DESTINE A FIXER UNE BARRIERE A UN MONTANT DE CLOTURE**
[72] DIESING, MICHAEL, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2018-01-15
[41] 2018-07-19
[30] DE (102017101029.7) 2017-01-19

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[51] **Int.Cl. B65D 33/16 (2006.01)**
[25] EN
[54] **HERMETIC SEAL FOR FOIL-LINED FIBC (BULK BAG)**
[54] **JOINT HERMETIQUE DESTINE A UNE POCHE DE TRANSPORT DE VRAC A REVETEMENT INTERIEUR EN ALUMINIUM**
[72] WEISSBROD, PAUL A., US
[71] LINCOLN GLOBAL, INC., US
[22] 2018-01-12
[41] 2018-07-17
[30] US (62/447,129) 2017-01-17
[30] US (15/785,551) 2017-10-17

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[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/02 (2006.01) F01D 5/10 (2006.01) F01D 5/16 (2006.01)**
[25] EN
[54] **MISTUNED BLADED ROTOR AND ASSOCIATED MANUFACTURING METHOD**
[54] **ROTOR A PALES DESACCORDEES ET METHODE DE FABRICATION ASSOCIEE**
[72] ABRARI, FARID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-15
[41] 2018-07-20
[30] US (15/411,236) 2017-01-20

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[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 34/20 (2016.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SEEING THROUGH MUCUS IN AN ENT PROCEDURE**
[54] **METHODE PERMETTANT DE VOIR A TRAVERS LE MUCUS DANS UNE INTERVENTION D'ORL**
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GLINER, VADIM, IL
[72] MAYER, RAM BERNARD, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-01-15
[41] 2018-07-16
[30] US (15/407,060) 2017-01-16

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[51] **Int.Cl. F04C 2/08 (2006.01) F04C 2/18 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **GEAR PUMP WITH GEAR HAVING INTERSPERSED VANES**
[54] **POMPE A ENGRENAGE DOTEE D'UN ENGRENAGE COMPORTANT DES AILETTES INTERCALEES**
[72] FLAVELLE, WILLIAM D., US
[72] INGRAM, MICHAEL ANDREW, US
[71] ROPER PUMP COMPANY, US
[22] 2018-01-15
[41] 2018-07-17
[30] US (62/446,928) 2017-01-17
[30] US (15/817,961) 2017-11-20

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[51] **Int.Cl. F16B 25/00 (2006.01) F16B 25/02 (2006.01) F16B 25/10 (2006.01)**
[25] EN
[54] **THREADED FASTENER**
[54] **DISPOSITIF DE FIXATION FILETE**
[72] KRUEGER, DEREK J., US
[71] KRUEGER, DEREK J., US
[22] 2018-01-16
[41] 2018-07-16
[30] US (62/446,664) 2017-01-16

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[51] **Int.Cl. C08L 101/02 (2006.01) C09D 201/02 (2006.01)**
[25] EN
[54] **SELF-HEALING RESIN**
[54] **RESINE AUTO-CICATRISANTE**
[72] WILLIAMS, GREGORY ALLEN, US
[72] HENTSCHEL, JENS, US
[72] SATPUTE, ANURADHA, IN
[71] BEHR PROCESS CORPORATION, US
[22] 2018-01-16
[41] 2018-07-17
[30] US (15/407,579) 2017-01-17

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[51] **Int.Cl. E05B 1/00 (2006.01) E05B 1/02 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **REPLACEMENT DOOR HANDLE SYSTEM AND METHODS**
[54] **SYSTEME DE POIGNEE DE PORTE DE REMPLACEMENT ET METHODES**
[72] HEWITT, RANDALL, CA
[71] HEWITT, RANDALL, CA
[22] 2018-01-16
[41] 2018-07-15
[30] US (15871938) 2017-01-15

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[51] **Int.Cl. H01B 7/17 (2006.01) H01B 11/02 (2006.01) H01B 11/18 (2006.01) H05B 6/06 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **INDUCTION HEATING EXTENSION CABLES INCLUDING CONTROL CONDUCTORS**
[54] **CABLES DE RALLONGE DE CHAUFFAGE PAR INDUCTION COMPORTANT DES INDUCTEURS DE COMMANDE**
[72] VERHAGEN, PAUL, US
[72] SALSICH, ANTHONY, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-01-16
[41] 2018-07-17
[30] US (62/447,161) 2017-01-17
[30] US (15/869,220) 2018-01-12

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[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/22 (2006.01) B01D 61/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECOVERING NITROGENOUS COMPOUNDS FROM A GAS STREAM**
[54] **SYSTEMES ET METHODES DE RECUPERATION DE COMPOSES D'AZOTE D'UN FLUX DE GAZ**
[72] GIRALDO, EUGENIO, US
[72] WINGLER, BARBARA, US
[72] GIRALDO, GABRIEL, US
[71] NUORGANICS LLC, US
[22] 2018-01-16
[41] 2018-07-16
[30] US (62/446,713) 2017-01-16

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[51] **Int.Cl. A61L 9/01 (2006.01) A61L 9/012 (2006.01) A61L 9/013 (2006.01) B65D 30/02 (2006.01) B65D 65/38 (2006.01) B65F 1/06 (2006.01) C02F 1/28 (2006.01) C02F 1/68 (2006.01) C08J 7/06 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE PREVENTION AND ELIMINATION OF ODORS**
[54] **COMPOSITION DESTINEE A LA PREVENTION ET L'ELIMINATION DES ODEURS**
[72] WILLIAMS, JEFFREY F., US
[72] JOHNSTON, SIMON, US
[71] OXISCIENCE LLC, US
[22] 2018-01-16
[41] 2018-07-17
[30] US (62/447187) 2017-01-17

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[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01)**
[25] EN
[54] **DIVIDED JUNCTION BOX**
[54] **BOITIER DE RACCORDEMENT DIVISE**
[72] MAUER, ALEXANDER, DE
[71] SIEMENS SCHWEIZ AG, CH
[22] 2018-01-16
[41] 2018-07-18
[30] US (15/408448) 2017-01-18

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[13] A1
[51] **Int.Cl. B66F 9/22 (2006.01) F15B 20/00 (2006.01)**
[25] EN
[54] **VARIABLE HYDRAULIC PRESSURE RELIEF SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES DE LIBERATION DE PRESSION HYDRAULIQUE VARIABLE ET METHODES DESTINES A UN VEHICULE DE TRAITEMENT DE MATERIAU**
[72] TRACY, ERIC C., US
[71] THE RAYMOND CORPORATION, US
[22] 2018-01-16
[41] 2018-07-17
[30] US (62/446,973) 2017-01-17

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[51] **Int.Cl. B25F 1/00 (2006.01) B25C 5/11 (2006.01) B26B 1/08 (2006.01) B26B 11/00 (2006.01)**
[25] EN
[54] **CUTTING IMPLEMENT FOR HAMMER TACKER**
[54] **ACCESSOIRE DE COUPE DESTINE A UNE CLOUEUSE**
[72] KIERECKI, EDMUND, CA
[71] STACPOL GENERAL CONSTRUCTION LTD., CA
[22] 2018-01-17
[41] 2018-07-18
[30] US (62/447,808) 2017-01-18

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] FR
[54] **TREATMENT PROCESS FOR PAYMENT TRANSACTION, PAYMENT TERMINAL AND CORRESPONDING PROGRAM**
[54] **PROCEDE DE TRAITEMENT D'UNE TRANSACTION DE PAIEMENT, BORNE DE PAIEMENT ET PROGRAMME CORRESPONDANT**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[22] 2018-01-17
[41] 2018-07-17
[30] FR (1750355) 2017-01-17

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[13] A1
[51] **Int.Cl. F16J 15/18 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **SELF-ALIGNING STUFFING BOX**
[54] **BOITE A GARNITURE AUTO-ALIGNANTE**
[72] MALCOLM, GOFF, CA
[71] MALCOLM, GOFF, CA
[22] 2018-01-18
[41] 2018-07-18
[30] US (62/447,536) 2017-01-18

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] FR
[54] **DATA TRANSMISSION PROCESS AND CORRESPONDING DEVICE AND PROGRAM**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF ET PROGRAMME CORRESPONDANT**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[22] 2018-01-17
[41] 2018-07-17
[30] FR (1750356) 2017-01-17

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A47C 31/12 (2006.01) A61G 5/00 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR SHAPE CAPTURE AND WHEEL CHAIR SEAT CREATION**
[54] **TECHNIQUES DE CAPTURE DE FORME ET CREATION DE SIEGE DE FAUTEUIL ROULANT**
[72] HETZEL, THOMAS R., US
[72] BIEGANEK, JOSEPH S., US
[72] MIDDELL, JOSHUA A., US
[72] MAURUS, STEVE, US
[72] GILLMAN, EDWARD J., US
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[54] **DISPOSITIF D'EVACUATION**
[72] KAWABE, GAKU, JP
[72] MURAKAMI, SHINYA, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **FENESTRATION ASSEMBLY OPERATION HARDWARE AND METHODS FOR SAME**
[54] **QUINCAILLERIE FONCTIONNELLE D'ASSEMBLAGE DE FENETRE ET METHODES ASSOCIEES**
[72] HOLLERMANN, ROSS MICHAEL, US
[72] DEBOER, NATHAN H., US
[72] CURTIS, DANIEL JON, US
[71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A MARVIN WINDOWS AND DOORS, US
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[25] EN
[54] **VAPOR COUPLER**
[54] **RACCORD DE VAPEUR**
[72] HUDSON, STEPHEN, AU
[72] TAING, SHIANG, AU
[72] MORROW, DAVID, US
[71] OPW-ENGINEERED SYSTEMS, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING A FUEL SYSTEM**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE D'UN SYSTEME DE CARBURANT**
[72] WHITE, BRIAN R., US
[72] KWOK, HANS, US
[72] LULLOFF, RICKY, US
[72] AYKENS, GREGORY, US
[71] POWER SOLUTIONS INTERNATIONAL, INC., US
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[54] **PANNEAU DE REVETEMENT ET ASSEMBLAGE**
[72] CULPEPPER, PATRICK M., US
[72] BEACH, RYAN, US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
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[25] EN
[54] **ANTI-THEFT DEVICE FOR A TRANSPORT RAILCAR GRATING**
[54] **DISPOSITIF ANTIVOL DESTINE A UNE GRILLE DE WAGON DE TRANSPORT**
[72] WINSOR, ROBERT B., CA
[71] HOLDEN AMERICA II, LLC, US
[22] 2018-01-18
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[54] **FIREFIGHTER PROTECTIVE HOOD AND GLOVES WITH REGENERATED CELLULOSE FIBER**
[54] **CAPUCHON ET GANTS PROTECTEURS DESTINES AUX POMPIERS RENFERMANT DES FIBRES CELLULOSIQUES REGENEREES**
[72] BARBEAU, CLAUDE, CA
[72] LOZIER, FRANCE, CA
[72] ROUSSE, STEPHANE, CA
[71] INNOTEX INC., CA
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[25] EN
[54] **ENHANCING EFFICIENCY OF REPEAT ABLATION BY MERGING CURRENT AND PREVIOUS MAPS**
[54] **AMELIORATION DE L'EFFICACITE D'ABLATION REPETEE EN FUSIONNANT DES PLANS ACTUELS ET ANTERIEURS**
[72] MONIR, GEORGE, IL
[72] TURGEMAN, AHARON, IL
[72] BARON, TAL HAIM, IL
[72] HAYAM, GAL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[72] CULPEPPER, PATRICK M., US
[72] BEACH, RYAN, US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
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[54] **OPTIMIZING NETWORK EFFICIENCY FOR APPLICATION REQUIREMENTS**
[54] **OPTIMISATION DE L'EFFICACITE D'UN RESEAU AFIN DE REPONDRE AUX EXIGENCES DES APPLICATIONS**
[72] GILSON, ROSS, US
[72] URBAN, DAVID, US
[72] GARCIA, ALBERT, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-01-18
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[54] **METHOD FOR REMOVING CONTAMINANTS FROM CANNABINOID DISTILLATES**
[54] **METHODE D'ENLEVEMENT DES CONTAMINANTS DES DISTILLATS DE CANNABINOIDE**
[72] TUCKER, GARY, US
[71] METAMORPHIC ALCHEMY & DISTILLATIONS, INC., US
[22] 2018-01-19
[41] 2018-07-19
[30] US (15/688,713) 2017-08-28
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[54] **FLEXIBLE DOOR SAFETY LIGHT CURTAIN**
[54] **RIDEAU DE LUMIERE DE SECURITE DE PORTE FLEXIBLE**
[72] COMPANY, STEVEN LEO, US
[71] COMPANY, STEVEN LEO, US
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[54] **FAN DEVICE, AIR FLOW ADJUSTMENT DEVICE AND AIR VOLUME CONTROL METHOD THEREOF**
[54] **APPAREIL VENTILATEUR, APPAREIL DE REGLAGE DU DEBIT D'AIR ET METHODE ASSOCIEE DE CONTROLE DU VOLUME D'AIR**
[72] SUN, CHIPING, HK
[72] YEUNG, SHINGHIN, HK
[72] JIANG, HAIBO, HK
[72] JIANG, YUNLONG, HK
[72] LIU, GUODONG, HK
[72] CHEN, ZHIWANG, HK
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[54] **MECANISMES ET METHODES DE COMMANDE D'OUVERTURE DE FENETRE**
[72] VAN ESSEN, JESSE, US
[71] PELLA CORPORATION, US
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[54] **MAGNETIZER FOR PIGGING TOOLS**
[54] **MAGNETISEUR DESTINE A DES OUTILS DE RACLAGE**
[72] THOMPSON, RON, CA
[72] GANEA, CALIN CRISTIAN, CA
[71] NOVITECH INC., CA
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[54] **IMPROVED SLAB CUTTING APPARATUS AND METHOD**
[54] **APPAREIL DE COUPE DE TRANCHE AMELIORE ET METHODE**
[72] TOLZMAN, CRAIG, US
[72] SCOGGIN, BRIAN R., US
[71] CAMBRIA COMPANY LLC, US
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[54] **VAPOR RELIEF STRAINER WITH CLEANER**
[54] **FILTRE A DEGAGEMENT DE VAPEUR DOTE D'UN NETTOYEUR**
[72] NELLIS, WALTER E., US
[71] ANDRITZ INC., US
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[54] **COMMANDE VIBRATOIRE PIEZOELECTRIQUE DESTINEE A DES COMPOSANTES DE MOTEUR STATIQUES**
[72] FULAYTER, ROY D., US
[72] MEYER, MICHAEL G., US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **TEREPHTHALATE DE DIISOPENTYLE**
[72] BOECK, FLORIAN, DE
[72] GRASS, MICHAEL, DE
[72] WOLDT, BENJAMIN, DE
[72] HUBER, ANDRE, DE
[72] BLEX, CHRISTINE, DE
[72] BLUMENTHAL, ULRIKE, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **THIN-WALLED ELASTIC PRODUCTS AND METHODS AND SYSTEMS FOR MANUFACTURING SAME**
[54] **PRODUITS ELASTIQUES A PAROI MINCE ET METHODES ET SYSTEMES DE FABRICATION ASSOCIES**
[72] STATON, FIELDING B., US
[72] STRUMPF, DAVID, US
[71] NEWTONOID TECHNOLOGIES, L.L.C., US
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[25] EN
[54] **SELF-PROPELLED AUTONOMOUS MESSAGE BOARD AND METHOD**
[54] **PANNEAU DE MESSAGE AUTONOME AUTOPROPULSE ET METHODE**
[72] STRUTT, JOHN, CA
[72] MCGIE, PETER, CA
[71] TECHNOSIGNZ LTD., CA
[71] STRUTT, JOHN, CA
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[54] **APPAREIL DE CHAISE MOBILE COMPORTANT DES PEDALES AU PIED**
[72] SIMONS, KENNETH A., US
[72] GUY, ASHLEY, US
[71] VELOCHAIR GROUP LLC, US
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[54] **LIT EQUIPE D'UNE RAMBARDE**
[72] LENG, LUHAO, CN
[71] NEW-TEC INTEGRATION (XIAMEN) CO., LTD., CN
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[54] **TRANSPORTATION LOAD SECURING SYSTEM**
[54] **SYSTEME DE FIXATION DE CHARGE DE TRANSPORT**
[72] WILKERSON, ROBIN, US
[71] WILKERSON, ROBIN, US
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[54] **CLEANING PAD HAVING PREFERRED PERFORMANCE WITH REPRESENTATIVE CLEANING SOLUTION**
[54] **TAMPON DE NETTOYAGE AYANT UNE PERFORMANCE PREFEREE AVEC UNE SOLUTION DE NETTOYAGE REPRESENTATIVE**
[72] HOYING, DAVID JOHN, US
[72] TOLLENS, FERNANDO RAY, US
[72] KEITH, BRIAN LEE, US
[72] ELLIS, JESSICA LEA, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **DYNAMIC CALIBRATION COMPENSATION FOR FLOW METER**
[54] **COMPENSATION D'ETALONNAGE DYNAMIQUE POUR DEBITMETRE**
[72] RILEY, JUSTIN GARRETT, US
[71] SHARKNINJA OPERATING LLC, US
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[54] **METHOD AND DEVICE FOR DETERMINING GAS PERMEABILITY OF A SUBSURFACE FORMATION**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LA PERMEABILITE AUX GAZ D'UNE FORMATION SOUTERRAINE**
[72] LIU, HUI-HAI, US
[72] LAI, BITAO, US
[72] ZHANG, JILIN JAY, US
[72] GEORGI, DANIEL, US
[72] HUANG, XINWO, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **GYPSUM PANEL AND METHOD FOR PRODUCING GYPSUM PANEL**
[54] **PLAQUE DE PLATRE ET PROCEDE DE PRODUCTION DE PLAQUE DE PLATRE**
[72] NIIMI, KATSUMI, JP
[72] YOKOYAMA, ITARU, JP
[72] UMEHARA, KAZUYUKI, JP
[72] ATAKA, YUJI, JP
[72] OHKI, KEIICHI, JP
[72] YOSHIDA, SHINJI, JP
[72] YAMATO, SABUROU, JP
[72] NAKAGAKI, TADASHI, JP
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[54] **MONTAGE, SYSTEME ET PROCEDE D'INTERRUPTION DE COURANT**
[72] NORRGA, STAFFAN, SE
[72] ANGQUIST, LENNART, SE
[72] MODEER, TOMAS, SE
[71] SCIBREAK AB, SE
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[54] **SOUS-ENSEMBLE OPTIQUE BIDIRECTIONNEL**
[72] LI, SHU, CN
[72] WANG, ZELIN, CN
[72] LI, YUANMOU, CN
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[54] **REACTIF DE DETECTION/DIAGNOSTIC MOLECULAIRE CONCERNANT UNE TUMEUR**
[72] ZOU, HONGZHI, CN
[72] NIU, FENG, CN
[72] WU, SHAN, CN
[72] ZHAO, RONGSONG, CN
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[71] CREATIVE BIOSCIENCES (GUANGZHOU) CO., LTD., CN
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[54] **TRAITEMENTS ET PREVENTION DU SYNDROME D'ABSTINENCE NEONATALE AUX OPIOIDES**
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[72] OBERDICK, JOHN, US
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[54] **LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR**
[54] **TISSUS REVETUS DE FAIBLE POIDS CONSTITUANT UN BLINDAGE CORPOREL DE REDUCTION DE TRAUMATISMES**
[72] ACHARYA, ATANU, IN
[72] RAJI, KANNADHASAN, IN
[72] SANGAJ, NIVEDITA, IN
[72] SRIRAMAN, RAVI, IN
[71] E I DU PONT DE NEMOURS AND COMPANY, US
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[72] THORNTON, JAMES, AU
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[25] EN
[54] **HYDROPHYLIC SEMICONDUCTING SINGLE-WALLED CARBON NANOTUBE INKS**
[54] **ENCRES HYDROPHILES DE NANOTUBES DE CARBONE A PAROI SIMPLE SEMI-CONDUCTEURS**
[72] DING, JIANFU, CA
[72] LI, ZHAO, CA
[72] MALENFANT, PATRICK, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **VISCOSITY AND STABILITY MODIFIED ULTRASOUND GEL**
[54] **GEL A ULTRASONS A VISCOSITE ET STABILITE MODIFIEES**
[72] SCURTESCU, CRISTIAN, CA
[72] GILL, GLEAM, CA
[71] SMILESONICA INC., CA
[85] 2018-07-05
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[30] US (62/276,927) 2016-01-10

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[25] EN
[54] **NETWORK SANITIZATION FOR DEDICATED COMMUNICATION FUNCTION AND EDGE ENFORCEMENT**
[54] **NETTOYAGE DE RESEAU POUR UNE MISE EN VIGUEUR DE FONCTION DE COMMUNICATION DEDIEE ET DE PERIPHERIE**
[72] RACZ, PIERRE, CA
[72] LABRECQUE, VINCENT, CA
[71] GENETEC INC., CA
[85] 2018-07-05
[86] 2017-01-04 (PCT/CA2017/050003)
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[25] EN
[54] **WELLHEAD SEALING DEVICE OF SUCKER-ROD PUMPING MACHINE**
[54] **DISPOSITIF D'ETANCHEITE POUR TETE DE PUITS DE MACHINE DE POMPAGE A BARRE DE POMPAGE**
[72] YU, LICHENG, CN
[72] SI, KAO, CN
[71] YU, LICHENG, CN
[71] SI, KAO, CN
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[30] CN (201610013004.2) 2016-01-08

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[25] EN
[54] **USE OF QUINOLINE DERIVATIVES FOR TREATING OESOPHAGEAL CANCER AND TREATMENT METHOD, PHARMACEUTICAL COMPOSITION AND KIT THEREOF**
[54] **UTILISATION DE DERIVES DE QUINOLEINE POUR LE TRAITEMENT DU CANCER DE L'□SOPHAGE ET PROCEDE DE TRAITEMENT, COMPOSITION PHARMACEUTIQUE ET TROUSSE ASSOCIEE**
[72] WANG, XUNQIANG, CN
[72] YANG, LING, CN
[72] XU, ZHONGNAN, CN
[72] WANG, XIANGJIAN, CN
[72] GENG, WENJUN, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **METHOD FOR INDICATING POWER HEADROOM REPORT, AND APPARATUS**
[54] **METHODE ET APPAREIL DONNANT LE COMPTE-RENDU DE RESERVE DE PUISSANCE, ET APPAREILLAGE**
[72] YANG, YUBO, CN
[72] LUO, CHAO, CN
[72] LIU, ZHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-07-05
[86] 2017-01-06 (PCT/CN2017/070451)
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[30] CN (201610013432.5) 2016-01-09
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[25] EN
[54] **NITROGENOUS HETEROCYCLIC AMIDE DERIVATIVE, PREPARATION METHOD THEREOF, AND PHARMACEUTICAL APPLICATION**
[54] **DERIVE D'AMIDE HETEROCYCLIQUE AZOTE, PROCEDE DE PREPARATION ASSOCIE ET APPLICATION PHRAMACEUTIQUE**
[72] WEI, YONGGANG, CN
[72] QIU, GUANPENG, CN
[72] LEI, BOLIN, CN
[72] WANG, SONG, CN
[71] SICHUAN HAISCO PHARMACEUTICAL CO., LTD., CN
[85] 2018-07-05
[86] 2017-01-20 (PCT/CN2017/071821)
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[25] EN
[54] **DEVICE FOR PERFORMING AN ALLERGY TEST**
[54] **DISPOSITIF PERMETTANT DE METTRE EN □UVRE UN TEST D'ALLERGIE**
[72] BACHERT, CLAUS, BE
[71] PROF. DR. CLAUS BACHERT BVBA, BE
[85] 2018-07-05
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[54] **ANTIPERSPIRANT COMPOSITIONS**
[54] **COMPOSITIONS ANTITRANSPIRANTES**
[72] DIHORA, JITEN ODHAVJI, US
[72] NIJAKOWSKI, TIMOTHY ROY, US
[72] CETTI, JONATHAN ROBERT, US
[72] BOBNOCK, ROBERT STANLEY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-05
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[25] EN
[54] **METHOD FOR SEPARATING METAL COMPONENTS**
[54] **PROCEDE DE SEPARATION DE CONSTITUANTS METALLIQUES**
[72] AWAZU, TOMOYUKI, JP
[72] MAJIMA, MASATOSHI, JP
[72] TSUBOKURA, MITSUTAKA, JP
[72] OISHI, TETSUO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 2018-07-05
[86] 2016-12-27 (PCT/JP2016/088977)
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[25] EN
[54] **METHOD OF TREATING PATIENTS COADMINISTERED A FACTOR XA INHIBITOR AND VERAPAMIL**
[54] **METHODE DE TRAITEMENT DE PATIENTS AUXQUELS SONT ADMINISTRES CONJOINTEMENT UN INHIBITEUR DU FACTEUR XA ET DU VERAPAMIL**
[72] PATEL, MAULIK, US
[72] SRINIVASAN, SUNDAR, US
[72] CHOW, CHRISTINA, US
[71] MORGANDANE SCIENTIFIC, LLC, US
[85] 2018-07-05
[86] 2017-02-21 (PCT/US2017/018727)
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[25] EN
[54] **A METHOD OF MODULATING SURVIVAL AND STEMNESS OF CANCER STEM CELLS BY MDA-9/SYNTENIN (SDCBP)**
[54] **PROCEDE DE MODULATION DE SURVIE ET DU CARACTERE SOUCHE DE CELLULES SOUCHES CANCEREUSES PAR MDA-9/SYNTENINE (SDCBP)**
[72] FISHER, PAUL, US
[72] TALUKDAR, SARMISTHA, US
[72] EMDAD, LUNI, US
[72] DAS, SWADESH K., US
[71] VIRGINIA COMMONWEALTH UNIVERSITY, US
[71] FISHER, PAUL, US
[71] TALUKDAR, SARMISTHA, US
[71] EMDAD, LUNI, US
[71] DAS, SWADESH K., US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012486)
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[25] EN
[54] **MULTI-LAYERED WOVEN ELEMENT**
[54] **ELEMENT TISSE MULTICOUCHE**
[72] ALEX, MEGGIN B., US
[72] WRAGG, MARTIN, US
[71] NIKE INNOVATE C.V., US
[85] 2018-07-10
[86] 2017-01-11 (PCT/US2017/013009)
[87] (WO2017/123629)
[30] US (62/277,777) 2016-01-12

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[51] **Int.Cl. A61F 2/68 (2006.01) A61B 5/11 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR GUIDING AND DETECTING MOTIONS OF 3-DOF ROTATIONAL TARGET JOINT**
[54] **SYSTEME ET DISPOSITIF PERMETTANT DE GUIDER ET DE DETECTER DES MOUVEMENTS DE ROTATION A 3 DEGRES DE LIBERTE D'UNE ARTICULATION CIBLE**
[72] ARZANPOUR, SIAMAK, CA
[72] SADEQI, SOHEIL, CA
[72] BOURGEOIS, SHAUN, CA
[72] PARK, JUNG WOOK, CA
[71] HUMAN IN MOTION ROBOTICS INC., CA
[85] 2018-07-04
[86] 2017-01-16 (PCT/CA2017/050046)
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[25] EN
[54] **VARIABLE DISPLACEMENT SWASH PLATE TYPE PISTON PUMP**
[54] **POMPE A PISTON DE TYPE A PLATEAU OSCILLANT A CYLINDREE VARIABLE**
[72] MATSUO, TSUTOMU, JP
[72] YOKOMACHI, NAOYA, JP
[72] UEDA, YUKI, JP
[72] UNO, TAKASHI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2018-07-09
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[87] (WO2017/122501)
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[25] EN
[54] **A SECURITY DOCUMENT COMPRISING A POLYMER SUBSTRATE**
[54] **DOCUMENT DE SECURITE COMPRENANT UN SUBSTRAT POLYMERE**
[72] SUGDON, MATTHEW, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2018-07-10
[86] 2017-03-22 (PCT/GB2017/050803)
[87] (WO2017/163062)
[30] GB (1604947.0) 2016-03-23
[30] GB (1610180.0) 2016-06-10

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[51] **Int.Cl. H04N 5/232 (2006.01) G06T 7/00 (2017.01)**
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[54] **DETECTION AND MARKING OF LOW QUALITY VIDEO CONTENT**
[54] **DETECTION ET MARQUAGE DE CONTENU VIDEO DE FAIBLE QUALITE**
[72] ABRAMOV, ANDREY L., US
[71] DISH TECHNOLOGIES L.L.C., US
[85] 2018-07-10
[86] 2017-01-10 (PCT/US2017/012849)
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[25] EN
[54] **MICRONEEDLE COMPOSITIONS AND METHODS OF USING SAME**
[54] **COMPOSITIONS POUR MICRO-AIGUILLES ET METHODES D'UTILISATION DE CELLES-CI**
[72] HENDERSON, DANIEL R., US
[71] VERNDARI, INC., US
[85] 2018-07-09
[86] 2017-01-11 (PCT/US2017/013043)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/385 (2006.01) C07K 14/315 (2006.01)**
[25] EN
[54] **VIRUS-LIKE PARTICLE WITH EFFICIENT EPITOPE DISPLAY**
[54] **PSEUDO-PARTICULE VIRALE A PRESENTATION EFFICACE DES EPITOPES**
[72] PEDERSEN, ADAM FREDERIK SANDER, DK
[72] SALANTI, ALI, DK
[72] THEANDER, THOR, DK
[72] THRANE, SUSAN, DK
[72] JANITZEK, CHRISTOPH MIKKEL, DK
[72] ORSKOV AGERBÆK, METTE, DK
[72] AGERTOUG NIELSEN, MORTEN, DK
[72] TOBIAS GUSTAFSSON, JAN, SE
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2018-06-21
[86] 2016-01-15 (PCT/DK2016/050011)
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[30] DK (PA 2015 70019) 2015-01-15
[30] DK (PA 2015 70237) 2015-04-22

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[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **POUCH ASSEMBLY FOR HOLDING AN AQUEOUS UREA SOLUTION FOR USE IN AN SCR SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE AND SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE USING THE AQUEOUS UREA SOLUTION**
[54] **ENSEMBLE POCHE CONCU POUR CONTENIR UNE SOLUTION D'UREE AQUEUSE DESTINEE A ETRE UTILISEE DANS UN SYSTEME SCR DE TRAITEMENT DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE ET SYSTEME DE TRAITEMENT DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE UTILISANT LA SOLUTION D'UREE AQUEUSE**
[72] SCHOONDERBEEK, JEROEN, BE
[72] JORGENSEN, SIGURD, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-07-10
[86] 2017-02-03 (PCT/EP2017/052467)
[87] (WO2017/134277)
[30] EP (16154333.5) 2016-02-04
[30] EP (16154336.8) 2016-02-04
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[25] EN
[54] **PROCESSES FOR EFFECTING HYDROCARBON PRODUCTION FROM RESERVOIRS HAVING A LOW PERMEABILITY ZONE BY COOLING AND HEATING**
[54] **PROCEDES DE CONDUITE D'UNE PRODUCTION D'HYDROCARBURES A PARTIR DE RESERVOIRS AYANT UNE ZONE A FAIBLE PERMEABILITE PAR REFROIDISSEMENT ET CHAUFFAGE**
[72] HARDING, THOMAS, CA
[72] STROBL, RUDY, CA
[71] NEXEN ENERGY ULC, CA
[85] 2018-07-10
[86] 2017-03-24 (PCT/CA2017/000067)
[87] (WO2017/161441)
[30] US (62/312,793) 2016-03-24
[30] US (62/312,801) 2016-03-24

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[25] EN
[54] **LOW FLUID LEVEL VALVE**
[54] **VANNE DE NIVEAU DE FLUIDE BAS**
[72] KELLEY, CALEB, US
[72] RESWEBER, EUGENE, US
[72] HARRIS, NATHANIEL, US
[72] POYNOR, REID, US
[71] TAM INTERNATIONAL, INC., US
[85] 2018-07-09
[86] 2017-02-13 (PCT/US2017/017675)
[87] (WO2017/142839)
[30] US (62/295,383) 2016-02-15
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[51] **Int.Cl. C12N 7/00 (2006.01)**
[25] EN
[54] **ONCOLYTIC VIRUS STRAIN**
[54] **SOUCHE DE VIRUS ONCOLYTIQUE**
[72] COFFIN, ROBERT, GB
[71] REPLIMUNE LIMITED, GB
[85] 2018-07-09
[86] 2017-01-09 (PCT/GB2017/050037)
[87] (WO2017/118865)
[30] GB (1600380.8) 2016-01-08
[30] GB (1600381.6) 2016-01-08
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[25] EN
[54] **GAS TURBINE DISC**
[54] **DISQUE DE TURBINE A GAZ**
[72] BATT, STEPHEN, GB
[72] GOPAL, THANASEKARAN, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-07-10
[86] 2017-01-18 (PCT/EP2017/050923)
[87] (WO2017/129455)
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[51] **Int.Cl. C08L 33/08 (2006.01) C08F 2/00 (2006.01) C08F 265/08 (2006.01)**
[25] EN
[54] **LIQUID (METH) ACRYLIC COMPOSITION COMPRISING A MULTISTAGE POLYMER AND A (METH) ACRYLIC MONOMER, ITS METHOD OF PREPARATION AND ITS USE**
[54] **COMPOSITION (METH)ACRYLIQUE LIQUIDE COMPRENANT UN POLYMERE A COUCHES MULTIPLES ET UN MONOMERE (METH)ACRYLIQUE, PROCEDE DE PREPARATION ET UTILISATION ASSOCIES**
[72] INOUBLI, RABER, FR
[72] HAJJI, PHILIPPE, FR
[72] PIRRI, ROSANGELA, FR
[72] GERARD, PIERRE, FR
[71] ARKEMA FRANCE, FR
[85] 2018-07-09
[86] 2017-01-11 (PCT/EP2017/050462)
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[30] FR (16.50195) 2016-01-11

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[51] **Int.Cl. C08K 5/134 (2006.01) C08K 5/1545 (2006.01)**
[25] EN
[54] **ADDITIVE MIXTURE FOR STABILIZATION OF POLYOL AND POLYURETHANE**
[54] **MELANGE D'ADDITIFS DESTINE A LA STABILISATION DE POLYOL ET DE POLYURETHANE**
[72] WEGMANN, ALEX, CH
[72] TARTARINI, CINZIA, IT
[71] BASF SE, DE
[85] 2018-07-09
[86] 2017-01-11 (PCT/EP2017/050472)
[87] (WO2017/125291)
[30] EP (16152274.3) 2016-01-21
[30] EP (16194214.9) 2016-10-17

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[25] EN
[54] **CAPSULE CONTAINING FUNCTIONAL SUBSTANCE AND METHOD FOR MANUFACTURING SAID CAPSULE**
[54] **CAPSULE CONTENANT UNE SUBSTANCE FONCTIONNELLE ET PROCEDE DE FABRICATION DE LADITE CAPSULE**
[72] BEPPU, YOSHINORI, JP
[72] MATSUO, YOSHIHIDE, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2018-07-09
[86] 2017-01-25 (PCT/JP2017/002464)
[87] (WO2017/131003)
[30] JP (2016-011485) 2016-01-25

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[51] **Int.Cl. B42D 25/24 (2014.01) B42D 25/455 (2014.01) B42D 25/47 (2014.01) B42B 2/00 (2006.01)**
[25] EN
[54] **A SECURITY DOCUMENT**
[54] **DOCUMENT DE SECURITE**
[72] SUGDON, MATTHEW, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2018-07-10
[86] 2017-03-22 (PCT/GB2017/050804)
[87] (WO2017/163063)
[30] GB (1604947.0) 2016-03-23
[30] GB (1612152.7) 2016-07-13

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[51] **Int.Cl. G06T 7/60 (2017.01) G06T 1/00 (2006.01)**
[25] EN
[54] **PASSENGER COUNTING DEVICE, SYSTEM, METHOD AND PROGRAM, AND VEHICLE MOVEMENT AMOUNT CALCULATION DEVICE, METHOD AND PROGRAM**
[54] **DISPOSITIF DE COMPTE DE PASSAGERS, SYSTEME, METHODE ET PROGRAMME, ET DISPOSITIF DE CALCUL DE QUANTITE DE MOUVEMENT D'UN VEHICULE, METHODE ET PROGRAMME**
[72] MIYAMOTO, SHINICHI, JP
[71] NEC CORPORATION, JP
[85] 2018-07-10
[86] 2016-03-17 (PCT/JP2016/001548)
[87] (WO2017/158647)

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[54] **POLYARYLENE SULFIDE RESIN PARTICULATE AND METHOD FOR PRODUCING SAME**
[54] **PARTICULE DE RESINE DE SULFURE DE POLYARYLENE ET METHODE DE PRODUCTION ASSOCIEE**
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[72] TAKEDA, KAZUSADA, JP
[72] MIYAMA, HISASHI, JP
[72] NISHIDA, MIKIYA, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **GAS SUPPLY DEVICE AND METHOD FOR STOPPING OPERATION OF GAS SUPPLY DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE GAZ ET PROCEDE POUR ARRETER LE FONCTIONNEMENT D'UN DISPOSITIF DE FOURNITURE DE GAZ**
[72] HASHIMOTO, KOICHIRO, JP
[72] FUJISAWA, AKITOSHI, JP
[72] FUKUDA, TAKAYUKI, JP
[72] WADA, DAISUKE, JP
[72] UBA, TAKURO, JP
[72] NAGURA, KENJI, JP
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[54] **LAMP CONTROL MODULE CONSISTING OF BASE AND CONTROL PARTS, COMMUNICATING VIA NFC**
[54] **MODULE DE COMMANDE DE LAMPE CONSTITUE D'UNE BASE ET DE PARTIES DE COMMANDE, COMMUNIQUANT PAR LE BIAIS D'UNE NFC**
[72] SCHROEDER, HELMUT, DE
[72] BRAND, DANIEL, DE
[71] SCHREDER, BE
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[54] **INSULATING GLASS UNIT AND METHODS TO PRODUCE IT**
[54] **UNITE DE VITRAGE ISOLANT ET PROCEDES DE PRODUCTION ASSOCIES**
[72] CHORINE, NICOLAS, BE
[72] BOUESNARD, OLIVIER, BE
[72] CUMPELIK, PAVEL, CZ
[71] AGC GLASS EUROPE, BE
[85] 2018-07-09
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[54] **BACTERIAL GHOSTS FOR THE TREATMENT OF CANCER**
[54] **FANTOMES BACTERIENS POUR LE TRAITEMENT DU CANCER**
[72] LUBITZ, WERNER, AT
[72] KUDELA, PAVOL, SK
[72] SRAMKO, MAREK, SK
[71] BIRD-C GMBH, AT
[85] 2018-07-09
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[72] COFFIN, ROBERT, GB
[71] REPLIMUNE LIMITED, GB
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[54] **METHODS OF QUALITY CONTROL USING SINGLE-NUCLEOTIDE POLYMORPHISMS IN PRE-IMPLANTATION GENETIC SCREENING**
[54] **PROCEDES DE CONTROLE DE LA QUALITE A L'AIDE DE POLYMORPHISMES MONONUCLEOTIDIQUES AU COURS D'UN DEPISTAGE GENETIQUE PREIMPLANTATOIRE**
[72] UMBARGER, MARK, US
[72] GORE, ATHURVA, US
[72] PORRECA, GREGORY, US
[71] GOOD START GENETICS, INC., US
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[54] **DISPOSITIF D'IMPLANT**
[72] MOREAU, PATRICE, FR
[72] WORNER, KARIN, FR
[72] MISSENARD, GILLES, FR
[72] TROPIANO, PATRICK, FR
[72] COURT, CHARLES, FR
[71] NEURO FRANCE IMPLANTS, FR
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[54] **SYSTEME ET PROCEDE DE REACTION EN PHASE SOLIDE MOBILE**
[72] PREWER, ANDREW RICHARD RUSSELL, GB
[71] SWEDISH BIOMIMETICS 3000 LIMITED, GB
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[54] **DEVICES AND SYSTEMS FOR BARCODING INDIVIDUAL WELLS AND VESSELS**
[54] **DISPOSITIFS ET SYSTEMES PERMETTANT LA CODIFICATION A BARRES DE PUITS ET DE RECIPIENTS INDIVIDUELS**
[72] PORRECA, GREGORY, US
[72] UMBARGER, MARK, US
[72] GORE, ATHURVA, US
[71] GOOD START GENETICS, INC., US
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[54] **PROCEDES ET APPAREIL DE GENERATION DE CHAMPS MAGNETIQUES**
[72] DANIEL, THOMAS A., US
[72] STAMBAUGH, LARRY, US
[71] PARANETICS, INC., US
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[54] **KAMADO STYLE COOKER WITH IMPROVED CONTROL MEANS**
[54] **CUISEUR DE STYLE KAMADO DOTE DE MOYENS DE COMMANDE PERFECTIONNES**
[72] GILLESPIE, BRAD, US
[72] HAMILTON, ANTHONY, US
[72] RAHMANI, RAMIN KHOSRAVI, US
[71] W.C. BRADLEY CO., US
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[54] **COMPOSITIONS POUR LIER DES DOMAINES DE LIAISON A L'ADN ET DES DOMAINES DE CLIVAGE**
[72] MILLER, JEFFREY C., US
[72] PASCHON, DAVID, US
[72] REBAR, EDWARD J., US
[71] SANGAMO THERAPEUTICS, INC., US
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[25] FR
[54] **NUTRITIONAL FORMULATIONS COMPRISING A PEA PROTEIN ISOLATE**
[54] **FORMULATIONS NUTRITIONNELLES COMPRENANT UN ISOLAT DE PROTEINES DE POIS**
[72] BARATA, MANUEL, FR
[72] GUILLEMANT, MARILYNE, FR
[72] MORETTI, EMMANUELLE, FR
[72] MULLER, ELSA, FR
[72] DELEBARRE, MARIE, FR
[71] ROQUETTE FRERES, FR
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[25] FR
[54] **STEEL COMPOSITIONS WITH IMPROVED ANTI-COKING PROPERTIES**
[54] **COMPOSITIONS D'ACIERS AUX PROPRIETES ANTI-COKAGE AMELIOREES**
[72] ROSSI, VALENTIN, FR
[72] BONILLA ANGULO, FERNANDO ANDRES, FR
[72] DULCY, NICOLAS, FR
[71] VALLOUREC TUBES FRANCE, FR
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] GROHS, ALEXANDER, AT
[71] GROHS, ALEXANDER, AT
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[54] **WELD TRAINING SYSTEMS TO SYNCHRONIZE WELD DATA FOR PRESENTATION**
[54] **SYSTEMES D'APPRENTISSAGE DE LA SOUDURE AFIN DE SYNCHRONISER DES DONNEES DE SOUDURE POUR PRESENTATION**
[72] ALBRECHT, BRUCE, US
[71] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR ORIENTING THE ROLLING DIRECTION OF AN END SHELL IN A METAL CONTAINER MANUFACTURING PROCESS**
[54] **SYSTEME ET PROCEDE D'ORIENTATION DE LA DIRECTION DE LAMINAGE D'UNE EBAUCHE D'EXTREMITE DANS UN PROCESSUS DE FABRICATION DE RECIPIENTS METALLIQUES**
[72] ELLEFSON, DEAN C., US
[71] BALL CORPORATION, US
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[54] **PHARMACEUTICAL FORMULATIONS FOR THE TREATMENT OF DIABETES**
[54] **FORMULATIONS PHARMACEUTIQUES POUR LE TRAITEMENT DU DIABETE**
[72] DE ROSA, MARIO, IT
[71] KALEYDE PHARMACEUTICALS AG, CH
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[54] **SYSTEM, CARTRIDGE, BEVERAGE PREPARATION UNIT AND METHOD FOR PRODUCING A BEVERAGE**
[54] **SYSTEME, CARTOUCHE, UNITE DE PREPARATION DE BOISSON ET PROCEDE DE PREPARATION DE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
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[54] **TIMBRE TRANSDERMIQUE**
[72] VALIA, KIRTI, US
[71] BUZZZ PHARMACEUTICALS LIMITED, IE
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[54] **APPAREIL DE CONSTRUCTION D'UNE STRUCTURE SOUS-MARINE, APPAREIL DE FILTRE DESTINE A UN APPAREIL CORRESPONDANT ET METHODE DE CONSTRUCTION D'UNE STRUCTURE SOUS-MARINE**
[72] DAUM, KARLHEINZ, DE
[71] INNOGY SE, DE
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[54] **A MOTOR DRIVE OF ELECTRICAL APPARATUSES**
[54] **ENTRAINEMENT DE MOTEUR D'APPAREILS ELECTRIQUES**
[72] MILEWSKI, KRZYSZTOF, PL
[71] ABB SCHWEIZ AG, CH
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[54] **CARTRIDGE RECEIVER, CARTRIDGE SYSTEM, DRINK PREPARATION MACHINE AND METHOD FOR PRODUCING A DRINK**
[54] **LOGEMENT DE CARTOUCHE, SYSTEME DE CARTOUCHE, MACHINE DE PREPARATION DE BOISSONS ET PROCEDE DE PREPARATION D'UNE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
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[54] **CARD-TYPE DATA CARRIER**
[54] **SUPPORT DE DONNEES EN FORME DE CARTE**
[72] RIEDL, JOSEF, DE
[71] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
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[71] BUZZZ PHARMACEUTICALS LIMITED, IE
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[54] **ARTICLE CREUX CONSTITUE DE BANDES UHMWPE**
[72] RASTOGI, SANJAY, NL
[72] VAN RUTH, NICO, NL
[71] MAASTRICHT UNIVERSITY, NL
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[54] **ELEMENT D'INTEGRATION POUR UNE PALE DE TURBINE EOLIENNE**
[72] LEHMANN MADSEN, KRISTIAN, DK
[72] HAUGE PEDERSEN, STEVEN, DK
[71] LM WP PATENT HOLDING A/S, DK
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[54] **VIAL ADAPTER**
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[72] CHENG, MARCO, US
[72] YEH, JONATHAN, US
[72] PARK, SOON, US
[71] CAREFUSION 303, INC., US
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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS AND THEIR USE FOR THE TREATMENT OF RETINITIS PIGMENTOSA**
[54] **FORMULATIONS PHARMACEUTIQUES ET LEUR UTILISATION POUR LE TRAITEMENT DE LA RETINITE PIGMENTAIRE**
[72] DE ROSA, MARIO, IT
[71] KALEYDE PHARMACEUTICALS AG, CH
[85] 2018-07-10
[86] 2017-01-11 (PCT/EP2017/050497)
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[25] EN
[54] **CARTRIDGE HOUSING FOR A BEVERAGE OR FOOD CARTRIDGE**
[54] **DISPOSITIF DE RECEPTION POUR UNE CARTOUCHE DE BOISSON OU D'ALIMENT**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
[85] 2018-07-10
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[30] DE (10 2016 200 254.6) 2016-01-12
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[54] **METHOD AND SYSTEM FOR BATCHING SIZE ADJUSTED FOOD ITEMS**
[54] **PROCEDE ET SYSTEME DE MISE EN LOTS DE PRODUITS ALIMENTAIRES AUX DIMENSIONS AJUSTEES**
[72] SKRADDERDAL, HENNING, DK
[72] KRISTIANSEN, HENRIK, DK
[71] MAREL A/S, DK
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[51] **Int.Cl. A61B 5/11 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SIGNAL TRIMMING AND FALSE POSITIVE REDUCTION OF POST-SEGMENTATION SWALLOWING ACCELEROMETRY DATA**
[54] **AJUSTEMENT DE SIGNAL ET REDUCTION DES FAUX POSITIFS DE DONNEES D'ACCELEROMETRIE DE DEGLUTITION POST-SEGMENTATION**
[72] MOHAMMADI, HELIA, CA
[72] CHAU, TOM, CA
[71] HOLLAND BLOORVIEW KIDS REHABILITATION HOSPITAL, CA
[85] 2018-07-10
[86] 2017-02-09 (PCT/IB2017/000183)
[87] (WO2017/137844)
[30] US (62/292,995) 2016-02-09

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL PATCH**
[54] **TIMBRE TRANSDERMIQUE**
[72] VALIA, KIRTI, US
[71] BUZZZ PHARMACEUTICALS LIMITED, IE
[85] 2018-07-10
[86] 2017-01-18 (PCT/EP2017/051009)
[87] (WO2017/125451)
[30] GB (1600919.3) 2016-01-18

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 47/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING BISPECIFIC ANTIBODY CONSTRUCTS**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES CONSTRUCTIONS D'ANTICORPS BI-SPECIFIQUES**
[72] KANAPURAM, SEKHAR, US
[72] LATYPOV, RAMIL, US
[72] THANGARAJ, BALAKUMAR, US
[72] POMPE, CORNELIUS, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[71] AMGEN INC., US
[85] 2018-07-10
[86] 2017-01-25 (PCT/EP2017/051486)
[87] (WO2017/129585)
[30] US (62/286,552) 2016-01-25

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[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61P 1/00 (2006.01)**
[25] EN
[54] **USE OF MICROBIAL COMMUNITIES FOR HUMAN AND ANIMAL HEALTH**
[54] **UTILISATION DE COMMUNAUTES MICROBIENNES POUR LA SANTE HUMAINE ET ANIMALE**
[72] POSSEMIERS, SAM, BE
[72] MARZORATI, MASSIMO, BE
[72] VAN DE WIELE, TOM, BE
[72] SCHEIRLINCK, ILSE, BE
[72] VAN DEN ABEELE, PIETER, BE
[72] BOLCA, SELIN, BE
[72] GOTTARDI, DAVIDE, BE
[71] UNIVERSITEIT GENT, BE
[71] PRODIGEST BVBA, BE
[85] 2018-07-10
[86] 2017-02-03 (PCT/EP2017/052422)
[87] (WO2017/134240)
[30] EP (EP16154288.1) 2016-02-04

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[13] A1
[51] **Int.Cl. E06B 3/02 (2006.01) E06B 3/66 (2006.01) E06B 7/14 (2006.01)**
[25] EN
[54] **FRAMELESS GLASS DOOR OR WINDOW ARRANGEMENT WITH DRIP GROOVE**
[54] **SYSTEME DE PORTE OU FENETRE VITREE SANS CADRE AVEC GORGE D'ECOULEMENT**
[72] CHORINE, NICOLAS, BE
[72] BOUESNARD, OLIVIER, BE
[72] CUMPELIK, PAVEL, CZ
[72] SPACEK, MIROSLAV, CZ
[71] AGC GLASS EUROPE, BE
[85] 2018-07-10
[86] 2016-12-22 (PCT/EP2016/082277)
[87] (WO2017/121599)
[30] EP (16150851.0) 2016-01-12
[30] EP (16152227.1) 2016-01-21

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[13] A1
[51] **Int.Cl. H04L 9/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPLEMENTING SECURE COMMUNICATIONS FOR INTERNET OF THINGS (IOT) DEVICES**
[54] **SYSTEME ET PROCEDE D'ETABLISSEMENT DE COMMUNICATIONS SECURISEES POUR DES DISPOSITIFS INTERNET DES OBJETS (IOT)**
[72] FUNK, TOM, US
[71] CENTURYLINK INTELLECTUAL PROPERTY LLC, US
[85] 2018-07-10
[86] 2016-12-21 (PCT/US2016/067938)
[87] (WO2017/123392)
[30] US (62/277,245) 2016-01-11
[30] US (15/084,805) 2016-03-30

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **VEHICLE REAR WING WITH ADAPTIVE SECTION AND EXTENDABLE FLAP**
[54] **AILE ARRIERE DE VEHICULE A SECTION ADAPTATIVE ET VOLET EXTENSIBLE**
[72] CZAPKA, RICHARD ANTHONY, CA
[72] CAUSLEY, JOEL DAVID, CA
[72] GRUBER, RUDOLF, CA
[71] MULTIMATIC INC., CA
[85] 2018-07-10
[86] 2017-01-11 (PCT/US2017/013028)
[87] (WO2017/123640)
[30] US (62/277,045) 2016-01-11

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING PATIENT-SPECIFIC ANTI-CANCER THERAPEUTICS AND METHODS OF TREATMENT THEREFOR**
[54] **PROCEDES DE PRODUCTION D'AGENTS THERAPEUTIQUES ANTICANCEREUX SPECIFIQUES AUX PATIENTS ET PROCEDES DE TRAITEMENT ASSOCIES**
[72] CHAPMAN, KEVIN T., US
[72] WHITE, MARK P., US
[72] WANG, XIAOHUA, US
[72] PARK, MINHA, US
[72] STADLER, GUIDO K., US
[72] LOWE, RANDALL D., JR., US
[72] GUAN, RADSTROM XIAO, US
[72] MCEWEN, JASON M., US
[72] WANG, GANG F., US
[72] FOX, GEORGE L., US
[72] RADEL, PEGGY A., US
[71] BERKELEY LIGHTS, INC., US
[85] 2018-07-10
[86] 2017-01-13 (PCT/US2017/013483)
[87] (WO2017/123978)
[30] US (62/279,341) 2016-01-15
[30] US (62/411,690) 2016-10-23
[30] US (62/412,092) 2016-10-24

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[13] A1
[51] **Int.Cl. B01D 1/00 (2006.01) B01D 3/00 (2006.01)**
[25] EN
[54] **INLET VANE DEVICE WITH INNER BEAM FOR RIGIDITY AND VESSEL CONTAINING SAME**
[54] **DISPOSITIF D'AUBES D'ENTREE AVEC TRAVERSE INTERNE POUR RIGIDITE ET CUVE CONTENANT CELUI-CI**
[72] NIEUWOUDT, IZAK, US
[71] KOCH-GLITSCH, LP, US
[85] 2018-07-10
[86] 2017-01-25 (PCT/US2017/014918)
[87] (WO2017/132245)
[30] US (62/287,688) 2016-01-27

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[13] A1
[51] **Int.Cl. C22C 27/04 (2006.01)**
[25] EN
[54] **BINDER COMPOSITIONS OF TUNGSTEN TETRABORIDE AND ABRASIVE METHODS THEREOF**
[54] **COMPOSITIONS DE LIANT CONTENANT DU TETRABORURE DE TUNGSTENE ET PROCEDES D'ABRASION ASSOCIES**
[72] KAVANAUGH, JACK, US
[72] KANER, RICHARD B., US
[72] TURNER, CHRIS, US
[72] AKOPOV, GEORGIY, US
[71] SUPERMETALIX, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-07-10
[86] 2017-01-25 (PCT/US2017/014987)
[87] (WO2017/132286)
[30] US (62/286,865) 2016-01-25

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[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **A CRAWLER ASSEMBLY FOR A CATWALK**
[54] **ENSEMBLE CHENILLE POUR UNE PASSERELLE**
[72] BENAVIDES, CARLOS DANIEL VADILLO, US
[72] WERNER, RYAN DOUGLAS, CA
[72] POULSEN, MICHAEL JASON, CA
[71] FORUM US, INC., US
[85] 2018-07-10
[86] 2016-12-30 (PCT/US2016/069520)
[87] (WO2017/131928)
[30] US (15/009,274) 2016-01-28

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[13] A1
[51] **Int.Cl. H02K 1/28 (2006.01) H02K 7/00 (2006.01) H02K 7/06 (2006.01) H02K 21/22 (2006.01) H02K 51/00 (2006.01)**
[25] EN
[54] **INTEGRATED DIRECT DRIVE MOTOR SYSTEM**
[54] **SYSTEME INTEGRE DE MOTEUR A ENTRAINEMENT DIRECT**
[72] COLE, STEVEN C., US
[72] COLE, JOSHUA S., US
[72] ALBRECHT, PETER E., US
[71] THERM-L-TECH SYSTEMS, LLC, US
[85] 2018-07-10
[86] 2017-01-10 (PCT/US2017/012823)
[87] (WO2017/123534)
[30] US (62/277,163) 2016-01-11

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF SIGLEC-7 OR SIGLEC-9 ANTIBODIES FOR THE TREATMENT OF CANCER**
[54] **UTILISATION D'ANTICORPS DIRIGES CONTRE SIGLEC-7 OU SIGLEC-9 DANS LE TRAITEMENT DU CANCER**
[72] BRODERICK, JAMES, US
[72] NORMINGTON, KARL D., US
[71] PALLEON PHARMACEUTICALS INC., US
[85] 2018-07-10
[86] 2017-01-12 (PCT/US2017/013174)
[87] (WO2017/123745)
[30] US (62/387,985) 2016-01-12

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[13] A1
[51] **Int.Cl. G06N 5/04 (2006.01) G06N 99/00 (2010.01)**
[25] EN
[54] **LOCALIZED TEMPORAL MODEL FORECASTING**
[54] **PREVISION DE MODELE TEMPOREL LOCALISE**
[72] HERZOG, JAMES, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-07-10
[86] 2017-01-12 (PCT/US2017/013267)
[87] (WO2017/123819)
[30] US (14/996,154) 2016-01-14

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[13] A1
[51] **Int.Cl. G05B 21/00 (2006.01) G05D 23/00 (2006.01) G05D 23/19 (2006.01) G06F 19/00 (2018.01) H05K 7/20 (2006.01)**
[25] EN
[54] **PREDICTIVE FREE COOLING**
[54] **PREDICTION DE REFROIDISSEMENT NATUREL**
[72] ERPELDING, BEN, US
[72] DEMPSTER, IAN, US
[72] CHEN, PENG, US
[72] MATTHYS, CLARK, US
[71] OPTIMUM ENERGY LLC, US
[85] 2018-07-10
[86] 2017-01-12 (PCT/US2017/013254)
[87] (WO2017/123810)
[30] US (62/277,883) 2016-01-12

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[13] A1
[51] **Int.Cl. F23D 11/36 (2006.01) F23D 11/10 (2006.01) F23N 5/24 (2006.01) G05B 11/16 (2006.01)**
[25] EN
[54] **ATOMIZATION BURNER WITH FLEXIBLE FIRE RATE**
[54] **BRULEUR A PULVERISATION A DEBIT FLEXIBLE DE COMBUSTION**
[72] BABINGTON, ANDREW D., US
[72] LEMUS, JUAN CARLOS, US
[72] JONES, NIGEL, US
[72] BABINGTON, ROBERT L., US
[72] BABINGTON, ROBERT S., US
[71] BABINGTON TECHNOLOGY, INC., US
[85] 2018-07-10
[86] 2017-01-13 (PCT/US2017/013363)
[87] (WO2017/123889)
[30] US (62/278,163) 2016-01-13
[30] US (15/405,685) 2017-01-13

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[13] A1
[51] **Int.Cl. A23L 2/42 (2006.01) A23L 3/015 (2006.01)**
[25] EN
[54] **CONTINUOUS HIGH PRESSURE PROCESSING OF FOOD AND BEVERAGE PRODUCTS**
[54] **TRAITEMENT A HAUTE PRESSION CONTINU DE PRODUITS ALIMENTAIRES ET DE BOISSONS**
[72] MEHTA, ANISH, US
[72] SCHUBERT, HUBERTUS, US
[72] RAHMAN, MAMUNUR, US
[72] BAKR, SHUMI, US
[72] HENDERSON, OMARI, US
[72] LUENSE, ROGER, US
[72] GIRIBONI DE MELLO, INDAUE IEDA, US
[71] THE COCA-COLA COMPANY, US
[85] 2018-07-10
[86] 2017-01-17 (PCT/US2017/013804)
[87] (WO2017/124106)
[30] US (62/279,124) 2016-01-15

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **HUMANIZED, MOUSE OR CHIMERIC ANTI-CD47 MONOCLONAL ANTIBODIES**
[54] **ANTICORPS MONOCLONAUX ANTI-CD47 HUMANISES, DE SOURIS OU CHIMERIQUES**
[72] CHALONS-COTTAVOZ, MARIE, FR
[72] LAHMAR, MEHDI, FR
[72] SCHWAMBORN, KLAUS, FR
[72] BELTRAMINELLI, NICOLA, FR
[72] FALLOT, STEPHANIE, FR
[72] GARRONE, PIERRE, FR
[71] FORTY SEVEN, INC., US
[85] 2018-07-10
[86] 2017-01-11 (PCT/EP2017/050508)
[87] (WO2017/121771)
[30] EP (16150808.0) 2016-01-11
[30] EP (16172651.8) 2016-06-02

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **PSMA BINDING ANTIBODY AND USES THEREOF**
[54] **ANTICORPS DE LIAISON PSMA ET SES UTILISATIONS**
[72] SALIH, HELMUT, DE
[72] VOGT, FABIAN, DE
[72] JUNG, GUNDRAM, DE
[72] ZEKRI-METREF, LATIFA, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE
[71] EBERHARD KARLS UNIVERSITAT TUBINGEN, DE
[85] 2018-07-10
[86] 2017-01-16 (PCT/EP2017/050834)
[87] (WO2017/121905)
[30] EP (16151281.9) 2016-01-14

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[13] A1
[51] **Int.Cl. C02F 1/68 (2006.01) A23L 2/54 (2006.01) B01D 61/14 (2006.01) C02F 1/44 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE**
[54] **PROCEDE DE PREPARATION D'UNE SOLUTION AQUEUSE COMPRENANT AU MOINS UN CARBONATE D'HYDROGENE ALCALINO-TERREUX**
[72] NELSON, NICHOLAS CHARLES, CH
[72] RIEPL, HERBERT, AT
[72] KREUGER, WOLFGANG, AT
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-07-10
[86] 2017-02-03 (PCT/EP2017/052370)
[87] (WO2017/134217)
[30] EP (16154567.8) 2016-02-05
[30] US (62/294,568) 2016-02-12

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[13] A1
[51] **Int.Cl. A61K 31/397 (2006.01) A61K 9/08 (2006.01) A61K 35/14 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INTRAVENOUS ADMINISTRATION OF 2-BROMO-1-(3,3-DINITROAZETIDIN-1-YL)ETHANONE**
[54] **COMPOSITIONS ET METHODES D'ADMINISTRATION PAR INTRAVEINEUSE DE 2-BROMO-1-(3,3-DINITROAZETIDINE-1-YL)ETHANONE**
[72] ORONSKY, BRYAN T., US
[72] SCICINSKI, JAN, US
[72] CAROEN, SCOTT, US
[71] EPICENTRX, INC., US
[85] 2018-07-10
[86] 2017-01-11 (PCT/US2017/012948)
[87] (WO2017/123593)
[30] US (62/277,236) 2016-01-11

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[13] A1
[51] **Int.Cl. B65D 63/10 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE, DUAL MATERIALS CABLE-TIE HEAD**
[54] **TETE D'ATTACHE DE CABLE A DOUBLE MATERIAU HAUTE PERFORMANCE**
[72] DINH, CONG THANH, US
[72] GAO, YAN, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[71] DINH, CONG THANH, US
[71] GAO, YAN, US
[85] 2018-07-10
[86] 2017-01-13 (PCT/US2017/013335)
[87] (WO2017/123869)
[30] US (62/278,146) 2016-01-13

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[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SCREENING AND IDENTIFYING CLINICALLY AGGRESSIVE PROSTATE CANCER**
[54] **COMPOSITIONS ET PROCEDES POUR LE DEPISTAGE ET L'IDENTIFICATION D'UN CANCER DE LA PROSTATE CLINIQUEMENT AGRESSIF**
[72] HUTTENHOWER, CURTIS, US
[72] GERKE, TRAVIS, US
[72] SWEENEY, CHRISTOPHER, US
[72] MUCCI, LORELEI, US
[72] LEE, GWO-SHU MARY, US
[72] BORNIGEN, DANIELA, DE
[72] WANG, XIAODONG, US
[72] TYEKUCHEVA, SVITLANA, US
[72] JORDAHL, KRISTINA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-07-10
[86] 2017-01-20 (PCT/US2017/014362)
[87] (WO2017/127696)
[30] US (62/280,994) 2016-01-20

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[13] A1
[51] **Int.Cl. B32B 27/14 (2006.01)**
[25] EN
[54] **FRIABLE SHELL MICROCAPSULES, PROCESS FOR PREPARING THE SAME AND METHOD OF USE THEREOF**
[54] **MICROCAPSULES A ENVELOPPE FRIABLE, PROCEDE DE PREPARATION DE CELLES-CI ET PROCEDE D'UTILISATION DE CELLES-CI**
[72] MISTRY, KISHOR KUMAR, GB
[72] FIAZ, ASSIM, GB
[72] HUSSAIN, ABDUL WAHAB, GB
[72] CRUTCHER, TERRY, US
[71] ISP INVESTMENTS LLC, US
[85] 2018-07-10
[86] 2017-01-13 (PCT/US2017/013465)
[87] (WO2017/123965)
[30] US (62/278,672) 2016-01-14
[30] US (62/351,269) 2016-06-16

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[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01) A61J 1/03 (2006.01) B29C 47/06 (2006.01) B29D 23/00 (2006.01) B32B 15/08 (2006.01) B32B 15/20 (2006.01)**
[25] EN
[54] **COATED, ORIENTED, LINEAR, LOW-DENSITY, POLETHYLENE FILMS**
[54] **FILMS, ORIENTES ET REVETUS, DE POLYETHYLENE LINEAIRE BASSE DENSITE**
[72] AMBROISE, BENOIT, BE
[71] JINDAL FILMS AMERICAS LLC, US
[85] 2018-07-04
[86] 2017-01-05 (PCT/US2017/012339)
[87] (WO2017/120340)
[30] US (62/275,610) 2016-01-06

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[13] A1
[51] **Int.Cl. G09B 19/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO PROVIDE WELD TRAINING**
[54] **SYSTEMES ET PROCEDES POUR ASSURER L'APPRENTISSAGE DE LA SOUDURE**
[72] ALBRECHT, BRUCE PATRICK, US
[72] SCHNEIDER, JOSEPH, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012558)
[87] (WO2017/120488)
[30] US (62/276,290) 2016-01-08
[30] US (15/400,548) 2017-01-06

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[13] A1
[51] **Int.Cl. C07C 29/76 (2006.01) C07C 31/20 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RECYCLING SPENT ETHYLENE GLYCOL FROM RECOVERED AIRCRAFT DE-ICING SOLUTIONS**
[54] **PROCEDE ET SYSTEME DE RECYCLAGE DE L'ETHYLENEGLYCOL USE RECUPERE DANS DES SOLUTIONS DE DEGIVRAGE D'AERONEFS**
[72] LEPINE, MARIO, CA
[72] BERGERON, GHISLAIN, CA
[72] GUY, MICHEL, CA
[71] AERO MAG 2000 RRR INC., CA
[85] 2018-07-09
[86] 2016-03-16 (PCT/CA2016/000074)
[87] (WO2017/156615)

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[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61P 27/16 (2006.01)**
[25] EN
[54] **BIOPHOTONIC COMPOSITIONS FOR THE TREATMENT OF OTITIS EXTERNA**
[54] **COMPOSITIONS BIOPHOTONIQUES POUR LE TRAITEMENT DE L'OTITE EXTERNE**
[72] BELLINI, FRANCESCO, CA
[72] CERQUETELLA, MATTEO, IT
[72] TAMBELLA, ADOLFO MARIA, IT
[72] SPATERNA, ANDREA, IT
[72] LOUPIS, NIKOLAOS, GR
[72] OHAYON, DAVID, CA
[72] PIERGALLINI, REMIGIO, IT
[71] KLOX TECHNOLOGIES LIMITED, IE
[71] BELLINI, FRANCESCO, CA
[71] CERQUETELLA, MATTEO, IT
[71] TAMBELLA, ADOLFO MARIA, IT
[71] SPATERNA, ANDREA, IT
[71] LOUPIS, NIKOLAOS, GR
[71] OHAYON, DAVID, CA
[71] PIERGALLINI, REMIGIO, IT
[85] 2018-07-09
[86] 2017-01-11 (PCT/CA2017/050032)
[87] (WO2017/120671)
[30] US (62/277,263) 2016-01-11

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[13] A1
[51] **Int.Cl. A61K 35/766 (2015.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 16/28 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **ONCOLYTIC VIRUS AND CHECKPOINT INHIBITOR COMBINATION THERAPY**
[54] **POLYTHERAPIE A BASE D'UN VIRUS ONCOLYTIQUE ET D'UN INHIBITEUR DE POINT DE CONTROLE**
[72] LICHTY, BRIAN, CA
[72] BELL, JOHN, CA
[71] TURNSTONE LIMITED PARTNERSHIP, CA
[85] 2018-07-10
[86] 2017-01-11 (PCT/CA2017/050031)
[87] (WO2017/120670)
[30] US (62/277,352) 2016-01-11

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[21] **3,011,158**
[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01) G05B 9/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF HIERARCHICAL SMART ASSET CONTROL APPLICATION DEVELOPMENT AND OPTIMIZATION**
[54] **SYSTEMES ET PROCEDES DE DEVELOPPEMENT ET D'OPTIMISATION D'APPLICATION DE COMMANDE D'ACTIFS INTELLIGENTS HIERARCHIQUE**
[72] MARTIN, PETER G., US
[72] CLARK, DONALD C., US
[72] LINSCOTT, RICHARD L., US
[71] SCHNEIDER ELECTRIC SYSTEMS USA, INC., US
[85] 2018-04-12
[86] 2016-10-12 (PCT/US2016/056679)
[87] (WO2017/066348)
[30] US (62/240,742) 2015-10-13
[30] US (62/279,224) 2016-01-15
[30] US (62/354,667) 2016-06-24
[30] US (62/406,926) 2016-10-11

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[13] A1
[51] **Int.Cl. G05B 15/02 (2006.01) G05B 19/4069 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF HIERARCHICAL SMART ASSET CONTROL APPLICATION DEVELOPMENT AND OPTIMIZATION**
[54] **SYSTEMES ET PROCEDES DE DEVELOPPEMENT ET D'OPTIMISATION D'APPLICATION DE COMMANDE D'ACTIFS INTELLIGENTS HIERARCHIQUE**
[72] LINSCOTT, RICHARD L., US
[72] MARTIN, PETER G., US
[72] CLARK, DONALD C., US
[71] SCHNEIDER ELECTRIC SYSTEMS USA, INC., US
[85] 2018-04-12
[86] 2016-10-12 (PCT/US2016/056681)
[87] (WO2017/066350)
[30] US (62/240,742) 2015-10-13
[30] US (62/279,224) 2016-01-15
[30] US (62/354,667) 2016-06-24
[30] US (62/406,926) 2016-10-11

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[51] **Int.Cl. A61K 49/12 (2006.01) B82Y 15/00 (2011.01) A61K 49/18 (2006.01) A61K 51/06 (2006.01) A61K 51/12 (2006.01)**
[25] FR
[54] **ULTRAFINE NANOPARTICLES AS AN IMAGING AGENT FOR DIAGNOSING A RENAL DISORDER**
[54] **NANOPARTICULES ULTRAFINES COMME AGENT D'IMAGERIE POUR LE DIAGNOSTIC D'UNE DYSFONCTION RENALE**
[72] MIGNET, NATHALIE, FR
[72] DOAN, BICH-THUY, FR
[72] RAMNICEANU, GREGORY, FR
[72] TILLEMENT, OLIVIER, FR
[72] SANCEY GALLIOT, LUCIE, FR
[72] LUX, FRANCOIS, FR
[72] SEGUIN, JOHANNE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] UNIVERSITE DE PARIS 5 RENE DESCARTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE PARIS, FR
[85] 2018-07-06
[86] 2017-01-13 (PCT/EP2017/050682)
[87] (WO2017/121858)
[30] EP (16305038.8) 2016-01-15

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[13] A1
[51] **Int.Cl. C07D 251/70 (2006.01) C09B 67/20 (2006.01) C09B 67/46 (2006.01)**
[25] EN
[54] **MELAMINE-POLYETHERS AS DISPERSANTS IN NON-AQUEOUS, LIQUID PIGMENT COMPOSITIONS**
[54] **MELAMINE-POLYETHERS COMME DISPERSANTS DANS DES COMPOSITIONS DE PIGMENTS LIQUIDES, NON AQUEUSES**
[72] BOERZSOENYI, GABOR, DE
[72] DURIS, TIBOR, DE
[72] WEINKOETZ, STEPHAN, DE
[72] REUTER, FRANK, DE
[72] PIRRUNG, FRANK, DE
[71] BASF SE, DE
[85] 2018-07-10
[86] 2017-01-20 (PCT/EP2017/051134)
[87] (WO2017/125524)
[30] EP (16152449.1) 2016-01-22

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[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **FOLDED SURGICAL GOWN AND METHOD OF FOLDING SAME**
[54] **BLOUSE CHIRURGICALE PLIEE ET SON PROCEDE DE PLIAGE**
[72] WANG, SHENG HUA, CN
[72] LU, TI, CN
[71] ALLEGIANCE CORPORATION, US
[85] 2018-07-10
[86] 2016-01-19 (PCT/CN2016/000039)
[87] (WO2017/124205)

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[51] **Int.Cl. A23K 10/20 (2016.01) A23K 20/163 (2016.01) A23K 50/42 (2016.01)**
[25] EN
[54] **ANIMAL FEED PRODUCT**
[54] **PRODUIT ALIMENTAIRE POUR ANIMAUX**
[72] DANIELL, HEATHER, GB
[71] DR D'S TASTY TREATS LTD, GB
[85] 2018-07-10
[86] 2017-01-06 (PCT/GB2017/050026)
[87] (WO2017/137715)
[30] GB (1602494.5) 2016-02-11

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[51] **Int.Cl. A61L 2/22 (2006.01) A61L 2/18 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **STERILIZATION DEVICE AND METHODS**
[54] **DISPOSITIF ET PROCEDES DE STERILISATION**
[72] TAGGART, DANIEL, US
[71] STERIO3, LLC, US
[85] 2018-07-10
[86] 2017-01-13 (PCT/US2017/013525)
[87] (WO2017/124010)
[30] US (62/278,180) 2016-01-13

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[13] A1
[51] **Int.Cl. G01N 23/207 (2018.01) E21B 49/08 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **PREDICTION APPARATUS AND METHOD OF PREDICTING DESORBED GAS VOLUME OF SHALE GAS RESERVOIR USING GEOPHYSICAL LOGGING DATA ANALYSIS**
[54] **APPAREIL PERMETTANT DE PREDIRE LA QUANTITE DE GAZ DE DESORPTION DANS UNE COUCHE DE GAZ DE SCHISTE A L'AIDE D'UNE ANALYSE DE DONNEES DE DIAGRAPHIE DE PUITS GEOPHYSIQUES ET PROCEDE ASSOCIE**
[72] KIM, JUNG SU, KR
[72] YANG, IL HO, KR
[72] LEE, HYUN SUK, KR
[71] KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES, KR
[85] 2018-07-10
[86] 2017-04-19 (PCT/KR2017/004208)
[87] (WO2018/084394)
[30] KR (10-2016-0144505) 2016-11-01

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[13] A1
[51] **Int.Cl. A01G 9/16 (2006.01) A01G 27/04 (2006.01) A01G 27/06 (2006.01)**
[25] EN
[54] **DEVICE FOR GROWING PLANTS**
[54] **DISPOSITIF DE CULTURE DE PLANTES**
[72] KANKAINEN, HANNU, FI
[71] KANKAINEN, HANNU, FI
[85] 2018-07-09
[86] 2016-01-25 (PCT/FI2016/050037)
[87] (WO2016/120523)
[30] FI (20150026) 2015-01-26

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[13] A1
[51] **Int.Cl. C07D 207/08 (2006.01) A61K 31/40 (2006.01) A61K 31/4439 (2006.01) A61K 31/451 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 29/00 (2006.01) C07D 211/46 (2006.01) C07D 213/74 (2006.01) C07D 295/155 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **N-SULFONYL BENZAMIDE DERIVATIVE WITH HETEROCYCLIC SUBSTITUENT, PREPARATION METHOD THEREFOR AND PHARMACEUTICAL APPLICATION THEREOF**
[54] **DERIVE N-SULFONYLE BENZAMIDE A SUBSTITUANT HETEROCYCLIQUE, SON PROCEDE DE PREPARATION ET SON APPLICATION PHARMACEUTIQUE**
[72] LAN, JIONG, CN
[72] ZHOU, FUSHENG, CN
[72] ZHAO, JINZHU, CN
[72] HUANG, DONG, CN
[72] XIE, JING, CN
[72] HU, YI, CN
[72] LV, QIANG, CN
[71] SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD., CN
[71] YANGTZE RIVER PHARMACEUTICAL (GROUP) CO., LTD., CN
[85] 2018-07-11
[86] 2017-01-24 (PCT/CN2017/072470)
[87] (WO2017/133591)
[30] CN (201610079358.7) 2016-02-03

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[13] A1
[51] **Int.Cl. A23C 19/09 (2006.01)**
[25] EN
[54] **PHYSICALLY STABLE LIQUEFIED BLUE CHEESE COMPOSITION AND PROCESS FOR MAKING IT**
[54] **COMPOSITION DE FROMAGE BLEU LIQUEFIE PHYSIQUEMENT STABLE ET SON PROCEDE DE FABRICATION**
[72] PARMANTIER, CLAUDE, FR
[72] SOUSSAN, ELODIE AUDREY, FR
[72] UPRETI, PRAVEEN, US
[71] NESTEC S.A., CH
[85] 2018-07-10
[86] 2017-03-16 (PCT/EP2017/056225)
[87] (WO2017/167581)
[30] US (62/315,154) 2016-03-30
[30] EP (16165000.7) 2016-04-13

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[13] A1
[51] **Int.Cl. H05K 3/08 (2006.01) A47F 11/06 (2006.01) G02F 1/167 (2006.01) G09F 1/00 (2006.01) H05K 1/03 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **FLEXIBLE PRINTED CIRCUIT**
[54] **CIRCUIT IMPRIME SOUPLE**
[72] CAREL, ALAIN, CA
[71] CAREL, ALAIN, CA
[85] 2018-07-09
[86] 2017-01-27 (PCT/CA2017/050102)
[87] (WO2017/127943)
[30] CA (2919293) 2016-01-29

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[21] **3,011,173**
[13] A1
[51] **Int.Cl. F16J 15/18 (2006.01) F16J 15/20 (2006.01)**
[25] EN
[54] **STUFFING BOX AND PACKING RINGS FOR USE THEREIN**
[54] **PRESSE-ETOUPE ET BAGUES DE GARNITURE POUR L'UTILISATION A L'INTERIEUR DE CE DERNIER**
[72] RUFFIN, JOSHUA RYAN, US
[72] RAPPENECKER, JEREMY MICHAEL, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-07-10
[86] 2016-12-15 (PCT/US2016/066855)
[87] (WO2017/123377)
[30] US (14/996,767) 2016-01-15

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[13] A1
[51] **Int.Cl. C11D 3/22 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01) D06M 13/00 (2006.01) D06M 13/127 (2006.01) D06M 15/11 (2006.01)**
[25] EN
[54] **LAUNDRY PRODUCT**
[54] **PRODUIT DE TYPE LESSIVE**
[72] BARR, HELEN ANGELA, GB
[72] BURGESS, KARL, GB
[72] RIELEY, HUGH, GB
[72] WALSH, SHAUN CHARLES, GB
[71] UNILEVER PLC, GB
[85] 2018-07-11
[86] 2016-12-20 (PCT/EP2016/081974)
[87] (WO2017/125235)
[30] EP (16152254.5) 2016-01-21

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[13] A1
[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4166 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **3-(CARBOXYETHYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE DERIVATIVES**
[54] **DERIVES DE 3-(CARBOXYETHYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE**
[72] KUHNERT, SVEN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] JAKOB, FLORIAN, DE
[72] KLESS, ACHIM, DE
[72] WEGERT, ANITA, DE
[72] RATCLIFFE, PAUL, DE
[72] JOSTOCK, RUTH, DE
[72] KOCH, THOMAS, DE
[72] LINZ, KLAUS, DE
[72] SCHRODER, WOLGANG, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/025004)
[87] (WO2017/121646)
[30] EP (16151011.0) 2016-01-13

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[13] A1
[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4166 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **3-((HETERO-)ARYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE DERIVATIVES**
[54] **DERIVES DE 3-((HETERO-)ARYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE**
[72] KUHNERT, SVEN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] KLESS, ACHIM, DE
[72] WEGERT, ANITA, DE
[72] KONETZKI, INGO, DE
[72] RATCLIFFE, PAUL, DE
[72] JOSTOCK, RUTH, DE
[72] KOCH, THOMAS, DE
[72] LINZ, KLAUS, DE
[72] SCHRODER, WOLFGANG, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/025005)
[87] (WO2017/121647)
[30] EP (16 151 012.8) 2016-01-13

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[13] A1
[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4166 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **3-((HETERO-)ARYL)-ALKYL-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE DERIVATIVES**
[54] **DERIVES DE 3-((HETERO-)ARYL)-ALKYL-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE**
[72] KUHNERT, SVEN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] KLESS, ACHIM, DE
[72] WEGERT, ANITA, DE
[72] RATCLIFFE, PAUL, DE
[72] JOSTOCK, RUTH, DE
[72] KOCH, THOMAS, DE
[72] LINZ, KLAUS, DE
[72] SCHRODER, WOLFGANG, DE
[72] SCHIENE, KLAUS, DE
[72] KONETZKI, INGO, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/025006)
[87] (WO2017/121648)
[30] EP (16151013.6) 2016-01-13

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[13] A1
[51] **Int.Cl. E21B 10/61 (2006.01) E21B 10/18 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **FIXED CUTTER DRILL BITS INCLUDING NOZZLES WITH END AND SIDE EXITS**
[54] **TREPANS DE FORAGE A ORGANES COUPANTS FIXES COMPRENANT DES BUSES DES SORTIES D'EXTREMITE ET LATERALES**
[72] BRADFORD, JOHN FRANCIS, III, US
[72] OMIDVAR, NAVID, US
[72] RAHMANI, REZA, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2018-07-10
[86] 2017-01-20 (PCT/US2017/014351)
[87] (WO2017/127688)
[30] US (62/281,461) 2016-01-21

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **THERAPEUTIC USE OF INHIBITORS OF T CELL ACTIVATION OR STIMULATION**
[54] **UTILISATION THERAPEUTIQUE D'INHIBITEURS D'ACTIVATION OU DE STIMULATION DES LYMPHOCYTES T**
[72] KALLIKOURDIS, MARINOS, IT
[72] CONDORELLI, GIANLUIGI, IT
[71] HUMANITAS MIRASOLE SPA, IT
[85] 2018-07-11
[86] 2016-09-27 (PCT/EP2016/072934)
[87] (WO2017/121502)
[30] EP (16151539.0) 2016-01-15

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[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4184 (2006.01) A61P 25/04 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 487/04 (2006.01) C07K 5/062 (2006.01)**
[25] EN
[54] **3-(CARBOXYMETHYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE DERIVATIVES**
[54] **DERIVES DE 3-(CARBOXYMETHYL)-8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE**
[72] KUHNERT, SVEN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] JAKOB, FLORIAN, DE
[72] KLESS, ACHIM, DE
[72] RATCLIFFE, PAUL, DE
[72] JOSTOCK, RUTH, DE
[72] KOCH, THOMAS, DE
[72] LINZ, KLAUS, DE
[72] SCHRODER, WOLFGANG, DE
[72] SCHIENE, KLAUS, DE
[72] WEGERT, ANITA, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/025007)
[87] (WO2017/121649)
[30] EP (16 151 014.4) 2016-01-13

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A23K 50/80 (2016.01) A61K 31/19 (2006.01) A61K 33/22 (2006.01) A61P 31/10 (2006.01) A61P 33/02 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **TREATMENT FOR CHITIN-CONTAINING MICROORGANISMS**
[54] **TRAITEMENT DE MICRO-ORGANISMES CONTENANT DE LA CHITINE**
[72] ALI, SHIMAA E., US
[72] THOEN, EVEN, US
[72] SKAAR, IDA, US
[72] EVENSEN, OYSTEIN, US
[71] BENCHMARK ANIMAL HEALTH LIMITED, GB
[85] 2018-07-11
[86] 2016-01-12 (PCT/EP2016/050466)
[87] (WO2017/121464)

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[13] A1
[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4166 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE DERIVATIVES**
[54] **DERIVES DE 8-AMINO-2-OXO-1,3-DIAZA-SPIRO-[4.5]-DECANE**
[72] KUHNERT, SVEN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] KLESS, ACHIM, DE
[72] WEGERT, ANITA, DE
[72] RATCLIFFE, PAUL, DE
[72] JOSTOCK, RUTH, DE
[72] KOCH, THOMAS, DE
[72] LINZ, KLAUS, DE
[72] SCHRODER, WOLFGANG, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/025008)
[87] (WO2017/121650)
[30] EP (16 151 015.1) 2016-01-13

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[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01)**
[25] EN
[54] **DISPENSER HAVING A CARTRIDGE HOLDER**
[54] **DISTRIBUTEUR A SUPPORT DE CARTOUCHE**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
[85] 2018-07-11
[86] 2017-01-12 (PCT/EP2017/050561)
[87] (WO2017/121796)
[30] DE (10 2016 200 254.6) 2016-01-12
[30] DE (10 2016 212 012.3) 2016-07-01
[30] DE (10 2016 212 013.1) 2016-07-01
[30] DE (10 2016 218 509.8) 2016-09-27
[30] DE (10 2016 218 507.1) 2016-09-27
[30] DE (10 2016 218 884.4) 2016-09-29

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[13] A1
[51] **Int.Cl. C07F 9/6584 (2006.01) A61K 31/675 (2006.01) A61P 9/00 (2006.01)**
[25] FR
[54] **NOVEL PHOSPHINANE AND AZAPHOSPHINANE DERIVATIVES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **NOUVEAUX DERIVES DE PHOSPHINANES ET AZAPHOSPHINANES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] GLOANEC, PHILIPPE, FR
[72] SCHAFFNER, ARNAUD-PIERRE, FR
[72] SANSILVESTRI-MOREL, PATRICIA, FR
[72] RUPIN, ALAIN, FR
[72] MENNECIER, PHILIPPE, FR
[72] VALLEZ, MARIE-ODILE, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2018-07-10
[86] 2017-01-13 (PCT/FR2017/050075)
[87] (WO2017/121969)
[30] FR (16/70004) 2016-01-14

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01)**
[25] EN
[54] **ENCAPSULATION OF LIPOPHILIC INGREDIENTS IN DISPERSIBLE SPRAY DRIED POWDERS SUITABLE FOR INHALATION**
[54] **ENCAPSULATION D'INGREDIENTS LIPOPHILES DANS DES POUDRES SECHEES PAR PULVERISATION POUVANT ETRE DISPERSEES DESTINEES A L'INHALATION**
[72] BOECKL, ANDREW JOHN, US
[72] COOKSON, DAVID EDWARD, US
[71] FLURRY POWDERS, LLC, US
[85] 2018-07-10
[86] 2017-01-20 (PCT/US2017/014279)
[87] (WO2017/127641)
[30] US (62/280,968) 2016-01-20

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[13] A1
[51] **Int.Cl. C08K 3/04 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF POLYETHYLENE NANOCOMPOSITE**
[54] **PROCEDE DE PREPARATION DE NANOCOMPOSITE DE POLYETHYLENE**
[72] ADETUNJI, PHILIP, AU
[72] NAEBE, MINOO, AU
[72] FRIGO, PAUL, AU
[72] EGAN, BRIAN, AU
[71] QENOS PTY LTD, AU
[85] 2018-07-11
[86] 2017-01-13 (PCT/AU2017/050023)
[87] (WO2017/120642)
[30] AU (2016900120) 2016-01-15

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) G06K 9/00 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE ARRANGED TO SHARE CAPSULE IMAGE AND MACHINE OPERATION DATA**
[54] **MACHINE DE PREPARATION DE BOISSONS CONCUE POUR PARTAGER DES DONNEES D'IMAGE DE CAPSULE ET DE FONCTIONNEMENT DE MACHINE**
[72] TINKLER, IAN, US
[72] HUANG, JIANMING, US
[72] HARTLEY, KEVIN WILLIAM, US
[72] MCLEOD, CAMERON, US
[72] RULLI, SAMUEL ROSS, US
[72] IOANNIDIS, NICHOLAS GEORGE, US
[72] LYNCH, JAMES K., US
[72] RHEAUME, BRIAN DAVID, US
[72] HADDEN, JEFFREY SOL, US
[72] HADLEY, PHILIP, US
[72] HLOBILOVA, YVONA, US
[71] KEURIG GREEN MOUNTAIN, INC., US
[85] 2018-07-10
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[87] (WO2017/132452)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
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[54] **5-SUBSTITUTED 2-(MORPHOLIN-4-YL)-1,7-NAPHTHYRIDINES**
[54] **2-(MORPHOLIN-4-YL)-1,7-NAPHTHYRIDINES SUBSTITUEES EN 5**
[72] LUCKING, ULRICH, DE
[72] KOPPITZ, MARCUS, DE
[72] LEFRANC, JULIEN, DE
[72] WORTMANN, LARS, DE
[72] WENGNER, ANTJE MARGRET, DE
[72] SIEMEISTER, GERHARD, DE
[72] BOMER, ULF, DE
[72] BADER, BENJAMIN, DE
[72] LIENAU, PHILIP, DE
[72] SCHICK, HANS (DESEASED), DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **COVER PANEL SEISMIC EXPANSION JOINT**
[54] **JOINT DE DILATATION SISMIQUE DE PANNEAU DE COUVERTURE**
[72] BRADFORD, PAUL, US
[72] MOORE, GARY, US
[72] MCFADDEN, SCOTT, US
[71] WATSON BOWMAN ACME CORPORATION, US
[85] 2018-07-10
[86] 2017-02-01 (PCT/US2017/015999)
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[30] US (15/012,534) 2016-02-01

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[51] **Int.Cl. B67D 1/08 (2006.01)**
[25] EN
[54] **CARTRIDGE RECEIVER, CARTRIDGE SYSTEM, DRINK PREPARATION MACHINE AND METHOD FOR PRODUCING A DRINK**
[54] **LOGEMENT DE CARTOUCHE, SYSTEME DE CARTOUCHE, MACHINE DE PREPARATION DE BOISSON ET PROCEDE DE PREPARATION DE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
[85] 2018-07-11
[86] 2017-01-12 (PCT/EP2017/050567)
[87] (WO2017/121802)
[30] DE (10 2016 200 254.6) 2016-01-12
[30] DE (10 2016 212 012.3) 2016-07-01
[30] DE (10 2016 212 013.1) 2016-07-01
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[25] EN
[54] **FLAVONOIDE-TYPE COMPOUNDS BEARING AN O-RHAMNOSYL RESIDUE**
[54] **COMPOSES DE TYPE FLAVONOIDE PORTANT UN RESIDU O-RHAMNOSYLE**
[72] RABAUSCH, ULRICH, DE
[72] ROSENFELD, HENNING, DE
[71] UNIVERSITAT HAMBURG, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/050678)
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[25] EN
[54] **RETENTION MEMBER FOR SECURING A CATHETER ON A PATIENT**
[54] **ELEMENT DE RETENUE POUR FIXER UN CATHETER SUR UN PATIENT**
[72] AMON, BARBARA, DE
[72] SCHAFER, BENJAMIN, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2018-07-11
[86] 2017-01-10 (PCT/EP2017/050371)
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[25] EN
[54] **ADAPTIVE RADIO LINK MONITORING**
[54] **SURVEILLANCE DE LIAISON RADIO ADAPTATIVE**
[72] CHINCHOLI, AMITH VIKRAM, US
[72] SUBRAHMANYA, PARVATHANATHAN, US
[72] GHEORGHIU, VALENTIN ALEXANDRU, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-10
[86] 2017-02-03 (PCT/US2017/016417)
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[30] US (62/292,140) 2016-02-05
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[25] EN
[54] **ENHANCEMENTS TO SERVING A USER EQUIPMENT IN A VISTED COUNTRY IN A MOBILE COMMUNICATION SYSTEM**
[54] **AMELIORATIONS DU SERVICE OFFERT A UN EQUIPEMENT UTILISATEUR DANS UN PAYS VISITE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] DREVON, NICOLAS, FR
[72] THIEBAUT, LAURENT, FR
[72] LANDAIS, BRUNO, FR
[71] ALCATEL LUCENT, FR
[85] 2018-07-11
[86] 2017-01-12 (PCT/EP2017/050587)
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[25] FR
[54] **CONDENSATION HEAT EXCHANGER PROVIDED WITH A HEAT EXCHANGE DEVICE**
[54] **ECHANGEUR DE CHALEUR A CONDENSATION MUNI D'UN DISPOSITIF D'ECHANGES THERMIQUES**
[72] LE MER, JOSEPH, FR
[71] SERMETA, FR
[85] 2018-07-11
[86] 2017-01-16 (PCT/EP2017/050833)
[87] (WO2017/125361)
[30] FR (1650529) 2016-01-22

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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **METHOD FOR CONTROLLING CONNECTED MODE DRX OPERATIONS**
[54] **PROCEDE DE COMMANDE D'OPERATIONS DRX DE MODE CONNECTE**
[72] RATHONYI, BELA, SE
[72] NADER, ALI, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-07-11
[86] 2017-01-11 (PCT/IB2017/050135)
[87] (WO2017/122135)
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[51] **Int.Cl. G01N 33/84 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A LIQUID SAMPLE IN ORDER TO REMOVE INTERFERENCE BY IRON**
[54] **PROCEDE DE TRAITEMENT D'UN ECHANTILLON LIQUIDE POUR ELIMINER L'INTERFERENCE DU FER**
[72] HONKANEN, TAPIO, FI
[71] KEMIRA OYJ, FI
[85] 2018-07-11
[86] 2017-02-17 (PCT/FI2017/050104)
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[51] **Int.Cl. B26D 7/26 (2006.01) B26D 1/09 (2006.01) B26D 5/00 (2006.01) B26D 7/20 (2006.01) B26D 7/01 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR SLICING FOOD ITEMS**
[54] **APPAREIL POUR TRANCHER DES ALIMENTS**
[72] KROG, CARSTEN, DK
[71] MAREL SALMON A/S, DK
[85] 2018-07-11
[86] 2017-01-20 (PCT/EP2017/051191)
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[30] DK (PA 2016 70035) 2016-01-22

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[25] EN
[54] **6,7,8,9-TETRAHYDRO-5H-PYRIDO[2,3-D]AZEPINE DOPAMINE D3 LIGANDS**
[54] **LIGANDS 6,7,8,9-TETRAHYDRO-5H-PYRIDO[2,3-D]AZEPINE DU RECEPTEUR D3 DE LA DOPAMINE**
[72] CHAPPIE, THOMAS ALLEN, US
[72] HENDERSON, JACLYN LOUISE, US
[72] YOUNG, JOSEPH MICHAEL, US
[72] WAGER, TRAVIS T., US
[72] KORMOS, BETHANY LYN, US
[72] PATEL, NANDINI CHATURBHAI, US
[72] SCIABOLA, SIMONE, US
[72] TUTTLE, JAMISON BRYCE, US
[72] VERHOEST, PATRICK ROBERT, US
[72] TUCKER, JOSEPH WALTER, US
[71] PFIZER INC., US
[85] 2018-07-11
[86] 2017-01-09 (PCT/IB2017/050094)
[87] (WO2017/122116)
[30] US (62/279,037) 2016-01-15

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[13] A1
[51] **Int.Cl. A62B 33/00 (2006.01) B63C 9/18 (2006.01)**
[25] EN
[54] **DEVICE FOR INFLATING AN INFLATABLE BAG, AVALANCHE SAFETY SYSTEM AND A BACKPACK WITH SUCH A DEVICE AND USE**
[54] **DISPOSITIF PERMETTANT DE GONFLER UN SAC GONFLABLE, SYSTEME DE SECURITE D'AVALANCHE ET SAC A DOS COMPORTANT LEDIT DISPOSITIF ET UTILISATION**
[72] SCHAER, MARC-ANTOINE, CH
[71] RAS TECHNOLOGY SARL, CH
[85] 2018-07-11
[86] 2017-01-24 (PCT/EP2017/051353)
[87] (WO2017/137244)
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[51] **Int.Cl. E02B 3/06 (2006.01) B63C 1/02 (2006.01) E02B 17/00 (2006.01) E02B 17/02 (2006.01) E02D 23/02 (2006.01) F17C 13/08 (2006.01)**
[25] EN
[54] **SEABED BASE STRUCTURE AND METHOD FOR INSTALLATION OF SAME**
[54] **STRUCTURE DE BASE DE FOND MARIN ET SON PROCEDE D'INSTALLATION**
[72] RAU ANDERSEN, STIG, NO
[72] VARTDAL, HARALD, NO
[71] SEMBCORP MARINE INTEGRATED YARD PTE LTD., SG
[85] 2018-07-11
[86] 2017-03-31 (PCT/IB2017/051853)
[87] (WO2017/168381)
[30] NO (20160518) 2016-04-01

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[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPE**
[54] **JOINT FILETE POUR TUYAU EN ACIER**
[72] INOSE, KEITA, JP
[72] SUGINO, MASAAKI, JP
[72] OTA, FUMIO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2018-07-11
[86] 2016-01-25 (PCT/JP2016/000341)
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[51] **Int.Cl. A61K 31/519 (2006.01) A61K 45/06 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **USE OF INHIBITORS OF THE ACTIVITY OR FUNCTION OF PI3K FOR THE TREATMENT OF PRIMARY SJOGREN'S SYNDROME**
[54] **UTILISATION D'INHIBITEURS DE L'ACTIVITE OU DU ROLE DE PI3K POUR LE TRAITEMENT DU SYNDROME DE SJOGREN PRIMAIRE**
[72] BIETH, BRUNO, CH
[72] BURKHART, CHRISTOPH, CH
[72] CHRIST, ANDREAS, CH
[72] DE BUCK, STEFAN, CH
[72] KALIS, CHRISTOPH, CH
[72] LINDGREN, SAM, CH
[71] NOVARTIS AG, CH
[85] 2018-07-11
[86] 2017-02-10 (PCT/IB2017/050743)
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[30] EP (16155123.9) 2016-02-10
[30] EP (16186188.5) 2016-08-29

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[51] **Int.Cl. B22D 11/10 (2006.01) B22D 41/50 (2006.01)**
[25] EN
[54] **NOZZLE STRUCTURE**
[54] **STRUCTURE DE BUSE**
[72] FUKUNAGA, SHINICHI, JP
[72] KURODA, TAKAHIRO, JP
[72] SADANO, TAKASHI, JP
[72] OKADA, TAKUYA, JP
[72] MIZOBE, ARITO, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2018-07-11
[86] 2016-11-09 (PCT/JP2016/083186)
[87] (WO2017/130517)
[30] JP (2016-011775) 2016-01-25

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[51] **Int.Cl. E04G 21/24 (2006.01) A47H 1/022 (2006.01) A47H 23/01 (2006.01) E04G 21/30 (2006.01)**
[25] EN
[54] **SELF-CLOSING ENTRYWAY PARTITION**
[54] **CLOISON D'ENTREE A FERMETURE AUTOMATIQUE**
[72] WHITTEMORE, JEFFREY, US
[71] ZIPWALL LLC, US
[85] 2018-06-21
[86] 2016-12-23 (PCT/US2016/068493)
[87] (WO2017/117042)
[30] US (62/271,492) 2015-12-28
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[30] US (62/355,544) 2016-06-28

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[51] **Int.Cl. C12P 19/18 (2006.01) C12P 13/06 (2006.01)**
[25] EN
[54] **METHODS FOR THE PRODUCTION OF RHAMNOSYLATED FLAVONOIDS**
[54] **PROCEDES DE PRODUCTION DE FLAVONOIDES RHAMNOSYLES**
[72] RABAUSCH, ULRICH, DE
[72] ROSENFELD, HENNING, DE
[72] ILMBERGER, NELE, DE
[72] PLAMBECK, TANJA, DE
[72] RUPRECHT, CONSTANTIN, DE
[72] BONISCH, FRIEDERIKE, DE
[71] UNIVERSITAT HAMBURG, DE
[85] 2018-07-11
[86] 2017-01-13 (PCT/EP2017/050691)
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[13] A1
[51] **Int.Cl. G08G 1/0962 (2006.01) G06F 3/0481 (2013.01) B60K 35/00 (2006.01) G08G 1/00 (2006.01) G08G 1/09 (2006.01) G08G 1/16 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE CONTROL METHOD AND DISPLAY DEVICE**
[54] **PROCEDE DE COMMANDE DE DISPOSITIF D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE**
[72] TAKAE, YASUHIKO, JP
[72] ETORI, NARIAKI, JP
[72] MORIMOTO, AKIRA, JP
[72] YANO, TAKAHIRO, JP
[72] SHINO, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-11
[86] 2016-11-25 (PCT/JP2016/085047)
[87] (WO2017/126221)
[30] JP (2016-007580) 2016-01-19

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[51] **Int.Cl. A61C 17/00 (2006.01) A46B 9/04 (2006.01) A46B 11/00 (2006.01)**
[25] EN
[54] **ORAL DEVICE**
[54] **DISPOSITIF BUCCAL**
[72] BELENKIY, ARKADIY, IL
[71] HEALTH CORPORATION OF GALILEE MEDICAL CENTER, IL
[85] 2018-07-11
[86] 2017-01-11 (PCT/IL2017/050034)
[87] (WO2017/122200)
[30] US (62/276,989) 2016-01-11

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[51] **Int.Cl. E04G 3/30 (2006.01)**
[25] EN
[54] **GONDOLA APPARATUS**
[54] **APPAREILLAGE DE NACELLE**
[72] OOWAKU, TADAMASA, JP
[72] HIRUMA, JUN, JP
[71] NISSO INDUSTRIES CO., LTD., JP
[85] 2018-07-11
[86] 2016-12-09 (PCT/JP2016/086745)
[87] (WO2017/122475)
[30] JP (2016-005808) 2016-01-15

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[51] **Int.Cl. B21D 24/00 (2006.01) B21D 22/26 (2006.01)**
[25] EN
[54] **A PRESSING MACHINE AND A METHOD FOR MANUFACTURING A PRESS-FORMED PRODUCT**
[54] **APPAREIL DE TYPE PRESSE ET PROCEDE DE PRODUCTION POUR ARTICLE MOULE A LA PRESSE**
[72] ITO, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-11
[86] 2017-01-25 (PCT/JP2017/002576)
[87] (WO2017/131042)
[30] JP (2016-011980) 2016-01-26

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[51] **Int.Cl. B65G 1/00 (2006.01)**
[25] EN
[54] **ABNORMALITY DETECTION DEVICE FOR CONTAINER STACK**
[54] **DISPOSITIF DE DETECTION D'ANOMALIES POUR PILE DE CONTENEURS**
[72] HAMAGUCHI, JUN, JP
[71] DAIFUKU CO., LTD., JP
[85] 2018-07-11
[86] 2016-12-13 (PCT/JP2016/087044)
[87] (WO2017/122482)
[30] JP (2016-003254) 2016-01-12

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[51] **Int.Cl. G01N 33/53 (2006.01) C07K 16/28 (2006.01) G01N 33/563 (2006.01) G01N 33/564 (2006.01) G01N 33/569 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING INFLAMMATORY MARKERS AND TREATING INFLAMMATORY CONDITIONS IN COMPANION ANIMALS**
[54] **METHODES DE DETECTION DE MARQUEURS INFLAMMATOIRES ET TRAITEMENT D'AFFECTIONS INFLAMMATOIRES CHEZ LES ANIMAUX DE COMPAGNIE**
[72] ESTRUCH, JUAN, US
[72] HANSEN, GENEVIEVE, US
[71] VETICA LABS, INC., US
[85] 2018-07-11
[86] 2016-11-04 (PCT/US2016/060674)
[87] (WO2017/079653)
[30] US (62/252,266) 2015-11-06
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[51] **Int.Cl. G05B 19/418 (2006.01) B65G 1/00 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR MECHANICAL EQUIPMENT**
[54] **SYSTEME DE COMMANDE D'EQUIPEMENT MECANIQUE**
[72] HAMAGUCHI, JUN, JP
[71] DAIFUKU CO., LTD., JP
[85] 2018-07-11
[86] 2016-12-13 (PCT/JP2016/087045)
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[30] JP (2016-005826) 2016-01-15

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[51] **Int.Cl. C04B 7/14 (2006.01) C04B 7/32 (2006.01) C04B 14/04 (2006.01)**
[25] EN
[54] **CO-GRINDING SLAG WITH OTHER MATERIAL FOR HYDRAULIC BINDERS**
[54] **COBROYAGE DE LAITIER AVEC UN AUTRE MATERIAU POUR DES LIANTS HYDRAULIQUES**
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] HUNDT, GREGORY ROBERT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. B65D 88/06 (2006.01) E04H 7/18 (2006.01) E04H 7/20 (2006.01)**
[25] EN
[54] **CONSTRUCTION METHOD FOR DOUBLE-SHELL TANK**
[54] **METHODE DE CONSTRUCTION D'UN RESERVOIR A DOUBLE COQUE**
[72] FUJINO, TETSUJI, JP
[71] IHI CORPORATION, JP
[85] 2018-07-11
[86] 2017-01-11 (PCT/JP2017/000592)
[87] (WO2017/126380)
[30] JP (2016-007722) 2016-01-19

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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **HARDENED FIBER OPTIC CONNECTORS HAVING A MECHANICAL SPLICE CONNECTOR ASSEMBLY**
[54] **CONNECTEURS DE FIBRES OPTIQUES DURCIS DOTES D'UN ENSEMBLE CONNECTEUR D'EPISSURE MECANIQUE**
[72] DE JONG, MICHAEL, US
[72] KLUWE, WOLF PETER, DE
[72] LEYVA, DANIEL, JR., US
[72] TAO, MIN, CN
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013164)
[87] (WO2017/123738)
[30] US (62/277,659) 2016-01-12
[30] US (62/294,443) 2016-02-12

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[51] **Int.Cl. A23B 7/04 (2006.01) A23L 19/00 (2016.01) A23B 7/06 (2006.01) B26D 3/26 (2006.01) G01N 33/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING CUT AND FROZEN VEGETABLES**
[54] **PROCEDE DE PREPARATION DE LEGUMES COUPES ET CONGELES**
[72] ROLLI, GIAN PAOLO, IT
[71] INDUSTRIE ROLLI ALIMENTARI S.P.A., IT
[85] 2018-07-11
[86] 2016-01-22 (PCT/IT2016/000015)
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[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/20 (2006.01) B60J 5/00 (2006.01)**
[25] EN
[54] **PANEL-LIKE FORMED PRODUCT, VEHICLE DOOR, AND METHOD FOR MANUFACTURING A PANEL-LIKE FORMED PRODUCT**
[54] **ARTICLE MOULE EN FORME DE PANNEAU, PORTE DE VEHICULE ET PROCEDE POUR LA FABRICATION D'ARTICLE MOULE EN FORME DE PANNEAU**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] KAWACHI, TAKESHI, JP
[72] KASEDA, YOSHIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-11
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[51] **Int.Cl. E02B 17/00 (2006.01) B63B 35/44 (2006.01)**
[25] EN
[54] **A SEABED SUPPORTED UNIT AND METHOD TO PROVIDE A SHALLOW WATER DRILLING TERMINAL**
[54] **UNITE SUPPORTEE SUR LE FOND MARIN ET PROCEDE POUR FOURNIR UN TERMINAL DE FORAGE D'EAU PEU PROFONDE**
[72] KJERSEM, GEIR LASSE, NO
[72] VARTDAL, HARALD, NO
[72] LIM, KWANG HENG, SG
[72] ONG, YEE CHIN MARY, SG
[72] KHOO, SENG YAU, SG
[71] SEMBCORP MARINE INTEGRATED YARD PTE LTD., SG
[85] 2018-07-11
[86] 2017-05-25 (PCT/SG2017/050270)
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[51] **Int.Cl. A61B 6/00 (2006.01) G09B 23/28 (2006.01) G09B 23/30 (2006.01)**
[25] FR
[54] **THYROID PHANTOM, CORRESPONDING PRODUCTION METHOD, OVERALL PHANTOM COMPRISING SUCH A THYROID PHANTOM AND CORRESPONDING PHANTOM FAMILIES**
[54] **FANTOME THYROIDIEN, PROCEDE DE FABRICATION CORRESPONDANT, FANTOME GLOBAL COMPRENANT UN TEL FANTOME THYROIDIEN ET FAMILLES DE FANTOMES CORRESPONDANTES**
[72] BROGGIO, DAVID, FR
[72] BEAUMONT, TIFFANY, FR
[71] INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE, FR
[85] 2018-07-11
[86] 2017-01-26 (PCT/EP2017/051605)
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[25] EN
[54] **DATA PROCESSING APPARATUS AND DATA PROCESSING METHOD**
[54] **APPAREIL DE TRAITEMENT DE DONNEES ET METHODE DE TRAITEMENT DE DONNEES**
[72] AMIMOTO, TATSUKI, JP
[72] MICHAEL, LACHLAN BRUCE, JP
[71] SONY CORPORATION, JP
[85] 2018-07-11
[86] 2017-01-13 (PCT/JP2017/000924)
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[30] JP (2016-013567) 2016-01-27

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61P 3/10 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **PREDICTIVE CONTROL MODEL FOR THE ARTIFICIAL PANCREAS USING PAST PREDICTIONS**
[54] **MODELE DE COMMANDE PREDICTIF POUR LE PANCREAS ARTIFICIEL FAISANT A DES PREVISIONS ANTERIEURES**
[72] LAGUNA SANZ, ALEJANDRO, US
[72] DASSAU, EYAL, US
[72] DOYLE, FRANCIS J., III, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013248)
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[30] US (62/277,788) 2016-01-12

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[25] EN
[54] **HYDROXY FUNCTIONAL ALKYL POLYUREA CROSSLINKERS**
[54] **AGENTS DE RETICULATION ALKYL POLYUREE A FONCTIONNALITE HYDROXYLE**
[72] SWARUP, SHANTI, US
[72] ZHOU, HONGYING, US
[72] CHASSER, ANTHONY M., US
[72] MILLERO, EDWARD R., JR., US
[72] KURTZ, CHRISTOPHER P., US
[72] DUDIK, JOHN M., US
[72] XU, XIANGLING, US
[72] RETSCH, WILLIAM H., JR., US
[72] CHAO, TIEN-CHIEH, US
[72] KABAGAMBE, BENJAMIN, US
[72] KRALIC, RONALD, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-07-11
[86] 2017-01-13 (PCT/US2017/013454)
[87] (WO2017/123955)
[30] US (14/996,838) 2016-01-15

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[51] **Int.Cl. B60T 17/04 (2006.01) F16L 37/256 (2006.01)**
[25] EN
[54] **INTERLOCKING GLADHANDS**
[54] **TETES D'ACCOUPLEMENT A INTERVERROUILLAGE**
[72] AIKEN, JEFFREY, US
[72] ESTELLE, TAYLOR, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2018-07-11
[86] 2016-01-21 (PCT/US2016/014267)
[87] (WO2017/127077)

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[51] **Int.Cl. A42B 1/06 (2006.01) A41D 13/05 (2006.01) A41D 13/11 (2006.01) A42B 1/04 (2006.01) A42B 1/18 (2006.01) A42B 3/18 (2006.01)**
[25] EN
[54] **MAGNETIC MASK**
[54] **MASQUE MAGNETIQUE**
[72] MURPHY, ROBERT, US
[72] CHEN, LI-RAY, TW
[71] SEIRUS INNOVATIVE ACCESSORIES, INC., US
[85] 2018-07-11
[86] 2017-01-13 (PCT/US2017/013539)
[87] (WO2017/124021)
[30] US (14/995,066) 2016-01-13

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[13] A1
[51] **Int.Cl. E04H 15/56 (2006.01) E04H 15/32 (2006.01)**
[25] EN
[54] **MODULAR TENT**
[54] **TENTE MODULAIRE**
[72] KALVANI, BIMAL A., US
[71] KALVANI IP HOLDINGS, LLC., US
[85] 2018-07-11
[86] 2016-02-16 (PCT/US2016/018092)
[87] (WO2017/123263)
[30] US (14/992,943) 2016-01-11

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[25] EN
[54] **DEVICES AND METHODS FOR ADVANCING A WIRE**
[54] **DISPOSITIFS ET PROCEDES POUR FAIRE AVANCER UN FIL**
[72] COHN, WILLIAM E., US
[72] PATE, THOMAS D., US
[72] TETZLAFF, PHILIP M., US
[71] TVA MEDICAL, INC., US
[85] 2018-07-11
[86] 2017-01-15 (PCT/US2017/013610)
[87] (WO2017/124059)
[30] US (62/279,650) 2016-01-15

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[25] EN
[54] **SACRIFICIAL PROTECTOR SLEEVE**
[54] **MANCHON DE PROTECTION SACRIFICIEL**
[72] SIM, NICHOLAS KOK JUN, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-11
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[25] EN
[54] **SYSTEMS AND METHODS FOR ADHERING VESSELS**
[54] **SYSTEMES ET PROCEDES POUR FAIRE ADHERER DES VAISSEAUX**
[72] PATE, THOMAS D., US
[72] TETZLAFF, PHILIP M., US
[72] COHN, WILLIAM E., US
[71] TVA MEDICAL, INC., US
[85] 2018-07-11
[86] 2017-01-15 (PCT/US2017/013611)
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[30] US (62/279,642) 2016-01-15

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[51] **Int.Cl. G01F 1/74 (2006.01) G01F 1/84 (2006.01) G01F 15/02 (2006.01)**
[25] EN
[54] **MULTI-PHASE CORIOLIS MEASUREMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE FORCE DE CORIOLIS MULTIPHASE**
[72] DUTTON, ROBERT E., US
[71] MICRO MOTION, INC., US
[85] 2018-07-11
[86] 2016-01-13 (PCT/US2016/013172)
[87] (WO2017/123214)

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[51] **Int.Cl. C10L 1/182 (2006.01) C07C 29/34 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING THE COMBUSTION OF AVIATION FUELS**
[54] **PROCEDE ET COMPOSITION D'AMELIORATION DE LA COMBUSTION DE CARBURANTS POUR AVIATION**
[72] FACTOR, STEPHEN A., US
[72] MCAFEE, ZACHARY JOHN, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-07-11
[86] 2016-11-06 (PCT/US2016/060749)
[87] (WO2017/123314)
[30] US (14/994,199) 2016-01-13

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[25] EN
[54] **USER INTERFACE FOR MULTIVARIATE SEARCHING**
[54] **INTERFACE UTILISATEUR POUR RECHERCHE A PLUSIEURS VARIABLES**
[72] STEELBERG, CHAD, US
[72] JALALI, NIMA, US
[72] BAILEY, JAMES, US
[72] REYES, BLYTHE, US
[72] WILLIAMS, JAMES, US
[72] KIM, EILEEN, US
[72] STINSON, RYAN, US
[71] VERITONE, INC., US
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013224)
[87] (WO2017/123785)
[30] US (62/277,944) 2016-01-12

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[51] **Int.Cl. B29C 65/00 (2006.01) B65B 13/04 (2006.01) B65B 13/06 (2006.01) B65B 13/24 (2006.01) B65B 13/32 (2006.01) B65B 51/22 (2006.01) B65B 61/06 (2006.01) B65B 69/00 (2006.01)**
[25] EN
[54] **BINDING MACHINE AND METHOD FOR SECURING A PART OF A BINDING ELEMENT IN A LOOP AROUND ONE OR MORE OBJECTS**
[54] **RELIEUSE ET PROCEDE DE FIXATION D'UNE PARTIE D'UN ELEMENT DE LIAISON DANS UNE BOUCLE AUTOUR D'UN OU DE PLUSIEURS OBJETS**
[72] ENGLUND, OVE, SE
[72] MARSTEDT, PETER, SE
[72] DANIELSSON, ERIK, SE
[71] SUND BIRSTA AB, SE
[85] 2018-07-11
[86] 2017-01-26 (PCT/EP2017/051643)
[87] (WO2017/129679)
[30] SE (1650114-0) 2016-01-29

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[51] **Int.Cl. C11B 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR DEGUMMING VEGETABLE OIL**
[54] **PROCEDE DE DEMUCILAGINATION D'HUILE VEGETALE**
[72] KOZYUK, OLEG, US
[72] REIMERS, PETER, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2018-07-11
[86] 2017-01-06 (PCT/US2017/012480)
[87] (WO2017/127240)
[30] US (62/280,250) 2016-01-19

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[51] **Int.Cl. E21B 7/24 (2006.01) E21B 4/06 (2006.01) E21B 4/12 (2006.01) E21B 28/00 (2006.01)**
[25] EN
[54] **FORCE STACKING ASSEMBLY FOR USE WITH A SUBTERRANEAN EXCAVATING SYSTEM**
[54] **ENSEMBLE D'EMPILEMENT DE FORCE POUR UTILISATION AVEC UN SYSTEME D'EXCAVATION SOUTERRAINE**
[72] FRASER, SCOTT, NL
[72] BAMFORD, BEN, GB
[71] ARAMCO OVERSEAS COMPANY B.V., NL
[71] GEOPROBER LTD., GB
[85] 2018-06-15
[86] 2016-12-15 (PCT/US2016/066899)
[87] (WO2017/106479)
[30] US (62/268,752) 2015-12-17

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[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **A RECOMBINANT CHIMERIC PROTEIN FOR SELECTINS TARGETING**
[54] **PROTEINE CHIMERIQUE RECOMBINANTE POUR LE CIBLAGE DE SELECTINES**
[72] BETTINGER, THIERRY, CH
[72] CHERKAOUI, SAMIR, CH
[72] KOLLER, CHRISTIAN, CH
[72] LOBITO, ADRIAN, US
[72] CRIVELLIN, FEDERICO, IT
[72] BUSSAT, PHILIPPE, CH
[72] MAISANO, FEDERICO, IT
[71] BRACCO SUISSE SA, CH
[85] 2018-07-11
[86] 2017-02-09 (PCT/EP2017/052821)
[87] (WO2017/137477)
[30] EP (EP16154868.0) 2016-02-09

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[51] **Int.Cl. B29C 70/54 (2006.01) B23Q 3/08 (2006.01) B29C 70/34 (2006.01)**
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[54] **HYBRID LAY-UP MOLD**
[54] **MOULE A CONTACT HYBRIDE**
[72] ANTHONY, PARME G., US
[72] FOX, MICHAEL, US
[72] SKELTON, ZACHARY, US
[72] BRENNAN, DANIEL, US
[72] MORUZZI, RANDEL DEAN, JR., US
[71] ASCENT AEROSPACE, LLC, US
[85] 2018-07-11
[86] 2017-01-11 (PCT/US2017/012918)
[87] (WO2017/123575)
[30] US (62/277,264) 2016-01-11

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[25] EN
[54] **HEATING TAPE AND SYSTEM**
[54] **RUBAN CHAUFFANT ET SYSTEME**
[72] LI, JIAN, CA
[72] ROCCA, PAOLO, CA
[72] CLIFFEN, JONATHAN M., CA
[72] DIVIGALPITIYA, RANJITH, CA
[72] BRANDYS, FRANK A., CA
[72] SANCHEZ-GARCIA, ANIBAL S., CA
[72] HOU, WEIXING, CA
[72] LIVINGSTONE, DAVID E., CA
[72] MORAES, RAUL P., CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-11
[86] 2017-01-11 (PCT/US2017/012998)
[87] (WO2017/123620)
[30] US (62/277,606) 2016-01-12

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[51] **Int.Cl. C04B 12/00 (2006.01) C04B 12/04 (2006.01) C04B 28/26 (2006.01) C04B 40/02 (2006.01)**
[25] EN
[54] **NOVEL CEMENT CHEMISTRIES**
[54] **NOUVELLES CHIMIES DU CIMENT**
[72] ATAKAN, VAHIT, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2018-07-11
[86] 2017-01-18 (PCT/US2017/013983)
[87] (WO2017/127454)
[30] US (62/280,296) 2016-01-19
[30] US (62/281,260) 2016-01-21

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) G02B 3/00 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **CREATING HOMOGENEOUS OPTICAL ELEMENTS BY ADDITIVE MANUFACTURING**
[54] **CREATION D'ELEMENTS OPTIQUES HOMOGENES PAR FABRICATION ADDITIVE**
[72] RODRIGUEZ, DIEGO, US
[72] FERNANDEZ, JOSE ALONSO, US
[72] VAZQUEZ, DANIEL CRESPO, US
[72] QUIROGA, JUAN ANTONIO, US
[71] INDIZEN OPTICAL TECHNOLOGIES OF AMERICA, LLC, US
[85] 2018-07-11
[86] 2017-01-16 (PCT/US2017/013674)
[87] (WO2017/127334)
[30] US (15/004,567) 2016-01-22

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/16 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR FORMING A FISTULA**
[54] **DISPOSITIFS ET PROCEDES DE FORMATION D'UNE FISTULE**
[72] PATE, THOMAS D., US
[72] MESTER, DANA R., US
[72] COHN, WILLIAM E., US
[72] TETZLAFF, PHILIP M., US
[71] TVA MEDICAL, INC., US
[85] 2018-07-11
[86] 2017-01-15 (PCT/US2017/013613)
[87] (WO2017/124062)
[30] US (62/279,603) 2016-01-15
[30] US (62/399,471) 2016-09-25

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[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **QUINAZOLINONE DERIVATIVE, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION, AND APPLICATIONS**
[54] **DERIVE DE QUINAZOLINONE, SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE, ET APPLICATIONS ASSOCIEES**
[72] LEE, WEN-CHERNG, CN
[72] LIAO, BAISONG, CN
[71] KANGPU BIOPHARMACEUTICALS, LTD, CN
[85] 2018-07-11
[86] 2017-01-13 (PCT/CN2017/071147)
[87] (WO2017/121388)
[30] CN (201610023840.9) 2016-01-14

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[13] A1
[51] **Int.Cl. C09J 123/00 (2006.01) C08F 2/50 (2006.01) C09J 123/22 (2006.01) C09J 175/04 (2006.01) C09J 175/14 (2006.01)**
[25] EN
[54] **DUAL CURING OPTICALLY TRANSPARENT ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES OPTIQUEMENT TRANSPARENTES A DOUBLE DURCISSEMENT**
[72] DECATO, ALFRED A., US
[72] JIN, SHUHUA, US
[72] DWORAK, DAVID P., US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2018-07-11
[86] 2017-01-19 (PCT/US2017/014008)
[87] (WO2017/127469)
[30] US (62/281,876) 2016-01-22
[30] US (62/362,411) 2016-07-14

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[51] **Int.Cl. B05B 9/08 (2006.01) B05B 7/02 (2006.01) B05B 9/04 (2006.01) B05B 11/00 (2006.01) B65D 83/14 (2006.01) B67D 1/10 (2006.01) F04B 33/00 (2006.01)**
[25] EN
[54] **OUTDOOR PAINT SPRAYER**
[54] **PULVERISATEUR DE PEINTURE D'EXTERIEUR**
[72] MCBRIDE, JOHN D., JR., US
[72] RAU, THOMAS R., US
[72] OREM, CHRISTOPHER P., US
[71] CRAYOLA, LLC, US
[85] 2018-07-11
[86] 2017-01-30 (PCT/US2017/015542)
[87] (WO2017/132640)
[30] US (62/288,423) 2016-01-28
[30] US (15/418,289) 2017-01-27

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[51] **Int.Cl. G02B 27/01 (2006.01) G09G 5/32 (2006.01)**
[25] EN
[54] **LANGUAGE ELEMENT VISION AUGMENTATION METHODS AND DEVICES**
[54] **PROCEDES ET DISPOSITIFS D'AUGMENTATION DE VISION D'ELEMENT DE LANGAGE**
[72] JONES, FRANK, CA
[72] BACQUE, JAMES BENSON, CA
[71] ESIGHT CORP., CA
[85] 2018-07-12
[86] 2017-01-12 (PCT/CA2017/000005)
[87] (WO2017/120660)
[30] US (62/277,510) 2016-01-12

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[51] **Int.Cl. G06Q 40/08 (2012.01) G06Q 40/02 (2012.01) G06Q 40/04 (2012.01) G06Q 40/06 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING A TALENT BASED EXCHANGE**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GERER UN ECHANGE BASE SUR LE TALENT**
[72] AL-MASOUD, MEZYAD M., US
[71] AL-MASOUD, MEZYAD M., US
[85] 2018-07-11
[86] 2017-01-20 (PCT/US2017/014245)
[87] (WO2017/127620)
[30] US (62/280,893) 2016-01-20

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[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 3/04 (2006.01) C02F 3/02 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **ROTARY GAS BUBBLE EJECTOR**
[54] **EJECTEUR DE BULLES DE GAZ ROTATIF**
[72] LADOUCEUR, RICHARD, CA
[71] LADOUCEUR, RICHARD, CA
[85] 2018-07-12
[86] 2017-01-18 (PCT/CA2017/050054)
[87] (WO2017/127918)
[30] CA (2919280) 2016-01-29

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[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 40/00 (2015.01) B29B 11/16 (2006.01) B29C 31/04 (2006.01)**
[25] EN
[54] **CONTINUOUS AND RANDOM REINFORCEMENT IN A 3D PRINTED PART**
[54] **RENFORCEMENT CONTINU ET ALEATOIRE DANS UNE PIECE IMPRIMEE EN 3D**
[72] MARK, GREGORY THOMAS, US
[71] MARKFORGED, INC., US
[85] 2018-07-11
[86] 2017-01-17 (PCT/US2017/013748)
[87] (WO2017/124085)
[30] US (62/279,657) 2016-01-15
[30] US (62/429,711) 2016-12-02

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[13] A1
[51] **Int.Cl. B24B 33/02 (2006.01) B24B 33/08 (2006.01)**
[25] EN
[54] **SURFACE TREATING APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE SURFACE**
[72] GUEROUT, FABRICE M., CA
[72] JESSUP, HOWARD, CA
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
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[54] **APPLICATEUR ENDOSCOPIQUE D'AGRAFES CHIRURGICALES**
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[72] CAI, LONGSHENG, CN
[72] YI, PENG, CN
[71] COVIDIEN LP, US
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[25] EN
[54] **MODULAR BARRIER SYSTEM**
[54] **SYSTEME DE BARRIERE MODULAIRE**
[72] KURTIN, STEPHEN, US
[72] WINSLOW, SCOTT, US
[72] PACKARD, BRIAN, US
[71] LANE RESEARCH, US
[85] 2018-07-11
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[25] EN
[54] **AQUEOUS DISPERSIONS CONTAINING ACLONIFEN AND FLUFENACET**
[54] **DISPERSIONS AQUEUSES CONTENANT DE L'ACLONIFENE ET DU FLUFENACET**
[72] KRAUSE, JENS, DE
[72] DECKWER, ROLAND, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-07-12
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[25] EN
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[54] **SUPPORT DE CATALYSEUR ET CATALYSEUR LE COMPRENANT**
[72] CHAI, JIANYU, JP
[72] SO, KENNIN, JP
[72] ZHAN, HUADUAN, JP
[72] LI, YONGYE, JP
[71] HIGHCHEM TECHNOLOGY CO., LTD, JP
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[25] FR
[54] **DEVICE FOR HYDRODYNAMIC STABILISATION OF A CONTINUOUSLY TRAVELLING METAL STRIP**
[54] **DISPOSITIF POUR LA STABILISATION HYDRODYNAMIQUE D'UNE BANDE METALLIQUE EN DEFILEMENT CONTINU**
[72] LARNICOL, MAIWENN, BE
[72] HARDY, YVES, BE
[72] BREGAND, OLIVIER, BE
[72] GERKENS, PASCAL, BE
[71] CENTRE DE RECHERCHES METALLURGIQUES ASBL - CENTRUM VOOR RESEARCH IN DE METALLURGIE VZW, BE
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[25] EN
[54] **INTERFERENCE MANAGEMENT FOR NETWORKS WITH VARIABLE TRANSMISSION TIME INTERVALS**
[54] **GESTION DE BROUILLAGE POUR DES RESEAUX AVEC INTERVALLES DE TEMPS DE TRANSMISSION VARIABLES**
[72] LI, CHONG, US
[72] WANG, HUA, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-11
[86] 2017-01-20 (PCT/US2017/014347)
[87] (WO2017/136162)
[30] US (62/290,411) 2016-02-02
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[54] **A DEVICE AND METHOD FOR PROVIDING A MEASURE OF A CIRCUMFERENCE OF A BODY PART**
[54] **DISPOSITIF ET PROCEDE POUR FOURNIR UNE MESURE DE LA CIRCONFERENCE D'UNE PARTIE DU CORPS**
[72] ETTRUP, JENS, DK
[72] HARBOE, HENRIK, DK
[71] SPECIALBANDAGER.DK A/S, DK
[85] 2018-07-12
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[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/07 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **IMPLANTABLE PROSTHESIS FOR THORACIC AORTIC DISEASE INVOLVING AORTIC VALVE DYSFUNCTION**
[54] **PROTHESE IMPLANTABLE POUR MALADIE AORTIQUE THORACIQUE IMPLIQUANT UN DYSFONCTIONNEMENT VALVULAIRE AORTIQUE**
[72] FRID, NOUREDDINE, BE
[72] BRONSON DIETHRICH, EDWARD, US
[71] CARDIATIS S.A., BE
[85] 2018-07-12
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[25] EN
[54] **RNA GUIDED ERADICATION OF HUMAN JC VIRUS AND OTHER POLYOMAVIRUSES**
[54] **ERADICATION DU VIRUS JC HUMAIN ET D'AUTRES POLYOMAVIRUS GUIDEE PAR UN ARN**
[72] KHALILI, KAMEL, US
[72] MALCOLM, THOMAS, US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] EXCISION BIOTHERAPEUTICS, US
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[25] EN
[54] **OEDEMA TREATMENT AND MONITORING SAME**
[54] **TRAITEMENT DE L'□DEME ET SON SUIVI**
[72] ETTRUP, JENS, DK
[72] HARBOE, HENRIK, DK
[71] SPECIALBANDAGER.DK A/S, DK
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[25] EN
[54] **HANDLE STRUCTURE AND ASSEMBLY FOR BOTTOM RAIL OF WINDOW SHADING**
[54] **STRUCTURE DE POIGNEE ET ENSEMBLE POUR GLISSIERE INFERIEURE D'OMBRAGE DE FENETRE**
[72] WATKINS, RICHARD, US
[72] WITHERELL, KENNETH W., US
[72] SMITH, STEPHEN P., US
[72] TRUE, MICHAEL, US
[72] RHODES, GALEN B., US
[72] DAVIAU, TIM, US
[72] SMITH, KENT, US
[72] CERNA, PAULA, US
[71] HUNTER DOUGLAS INC., US
[85] 2018-07-11
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[54] **METHODS AND APPARATUS FOR RADIO LINK MONITORING IN UNLICENSED COMMUNICATION CHANNELS**
[54] **PROCEDES ET APPAREIL POUR UNE SURVEILLANCE DE LIAISON RADIO DANS DES CANAUX DE COMMUNICATION NON AUTORISES**
[72] RADULESCU, ANDREI, US
[72] LUO, TAO, US
[72] PATEL, CHIRAG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-11
[86] 2017-01-27 (PCT/US2017/015384)
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[54] **SYSTEMS AND METHODS FOR HIGH THROUGHPUT SORTING**
[54] **SYSTEMES ET PROCEDES DE TRI A HAUTE CADENCE**
[72] BOMBAUGH, SCOTT R., US
[72] LE, TUAN A., US
[72] MCLELLAN, CHARLES P., US
[72] STRATTON, CHRISTOPHER M., US
[71] UNITED STATES POSTAL SERVICE, US
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[25] EN
[54] **MONOBLOC AEROSOL TUBE OR CAN HAVING A COATING COMPOSITION**
[54] **TUBE OU RECIPIENT A AEROSOL MONOBLOC PRESENTANT UNE COMPOSITION DE REVETEMENT**
[72] KLOMANN, SABINE, DE
[72] CHASSER, ANTHONY, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-07-12
[86] 2017-01-13 (PCT/EP2017/050724)
[87] (WO2017/121879)
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[25] EN
[54] **A PRIVACY-PRESERVING, MUTUAL PUF-BASED AUTHENTICATION PROTOCOL**
[54] **PROTOCOLE D'AUTHENTIFICATION BASE SUR UN PUF MUTUELLE, PROTEGEANT LA CONFIDENTIALITE**
[72] PLUSQUELLIC, JAMES, US
[72] CHE, WENJIE, US
[72] ISMARI, DYLAN, US
[71] STC.UNM, US
[85] 2018-07-11
[86] 2017-01-11 (PCT/US2017/013013)
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[30] US (62/277,276) 2016-01-11
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[25] EN
[54] **OSCILLATIONS IN ELECTRICAL POWER NETWORKS**
[54] **OSCILLATIONS DANS DES RESEAUX ELECTRIQUES**
[72] MALEKA, KYRIAKI, GB
[72] BAGLEYBTER, OLEG, GB
[72] AL-ASHWAL, NATHEER, GB
[72] CLARK, STUART, GB
[72] WILSON, DOUGLAS, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[30] GB (1601472.2) 2016-01-26

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[54] **COMPOSITION DE POLYOLEFINE PRESENTANT UNE RESISTANCE AMELIOREE**
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[72] JERABEK, MICHAEL, AT
[71] BOREALIS AG, AT
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[25] EN
[54] **MODIFIED TETRA-ACYLATED NEISSERIAL LPS**
[54] **LPS DE NEISSERIA TETRA-ACYLE MODIFIE**
[72] ZARIRI, AFSHIN, NL
[72] PUPO ESCALONA, ELDER, NL
[72] VAN DER LEY, PETER ANDRE, NL
[71] DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, MINISTERIE VAN VOLKSGEZONDHEID, WELZIJN EN SPORT, NL
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[87] (WO2017/129752)
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[51] **Int.Cl. A61K 35/74 (2015.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **MICROORGANISMS PROGRAMMED TO PRODUCE IMMUNE MODULATORS AND ANTI-CANCER THERAPEUTICS IN TUMOR CELLS**
[54] **MICROORGANISMES PROGRAMMES POUR PRODUIRE DES IMMUNOMODULATEURS ET DES AGENTS THERAPEUTIQUES ANTICANCEREUX DANS DES CELLULES TUMORALES**
[72] FALB, DEAN, US
[72] KOTULA, JONATHAN W., US
[72] ISABELLA, VINCENT M., US
[72] MILLER, PAUL F., US
[72] MACHINANI, SUMAN, US
[72] SAHA, SAURABH, US
[72] FISHER, ADAM B., US
[72] MILLET, YVES, US
[72] LI, NING, US
[71] SYNLOGIC OPERATING COMPANY, INC., US
[85] 2018-07-11
[86] 2017-01-11 (PCT/US2017/013072)
[87] (WO2017/123675)
[30] US (62/277,455) 2016-01-11
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[30] US (62/297,778) 2016-02-19
[30] US (62/305,462) 2016-03-08
[30] US (62/313,691) 2016-03-25
[30] US (62/314,322) 2016-03-28
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[30] US (PCT/US2016/032565) 2016-05-13
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[30] US (PCT/US2016/034200) 2016-05-25
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[30] US (62/347,567) 2016-06-08
[30] US (62/348,360) 2016-06-10
[30] US (62/348,699) 2016-06-10
[30] US (62/354,682) 2016-06-24
[30] US (62/362,954) 2016-07-15
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[54] **CORPS ROTATIF DE FORME CYLINDRIQUE**
[72] OTREMBA, FRANK, DE
[71] ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND, DE
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[86] 2017-02-01 (PCT/EP2017/052113)
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[25] EN
[54] **EMBEDDING 3D PRINTED FIBER REINFORCEMENT IN MOLDED ARTICLES**
[54] **INCORPORATION D'UN RENFORT DE FIBRES OBTENU PAR IMPRESSION 3D DANS DES ARTICLES MOULES**
[72] MARK, GREGORY THOMAS, US
[71] MARKFORGED, INC., US
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013151)
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[25] EN
[54] **KITS COMPRISING SATIETY-INDUCING FORMULATIONS**
[54] **TROUSSES COMPRENANT DES FORMULATIONS INDUISANT LA SATIETE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2018-07-12
[86] 2017-02-17 (PCT/EP2017/053713)
[87] (WO2017/140902)
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[25] FR
[54] **FACILITY FOR MONITORING A PORTION OF A HIGH-VOLTAGE ELECTRICAL POWER TRANSMISSION NETWORK**
[54] **INSTALLATION DE SURVEILLANCE D'UNE PORTION DE RESEAU DE TRANSMISSION DE COURANT ELECTRIQUE A HAUTE TENSION**
[72] BUHAGIAR, THIERRY, FR
[71] RTE RESEAU DE TRANSPORT D'ELECTRICITE, FR
[85] 2018-07-12
[86] 2017-01-19 (PCT/FR2017/050110)
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[25] EN
[54] **COMPOUNDS FOR INHIBITING CANCER AND VIRUS**
[54] **COMPOSES POUR INHIBER UN CANCER ET UN VIRUS**
[72] YEN, YUN, US
[72] LIOU, JING-PING, TW
[72] LIU, YUN-RU, TW
[71] TAIPEI MEDICAL UNIVERSITY, TW
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013253)
[87] (WO2017/123809)
[30] US (62/277,653) 2016-01-12

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR USING DIGITAL SIGNATURES TO CREATE TRUSTED DIGITAL ASSET TRANSFERS**
[54] **PROCEDES ET SYSTEMES D'UTILISATION DE SIGNATURES NUMERIQUES POUR CREER DES TRANSFERTS DE RESSOURCES NUMERIQUES SECURISES**
[72] JACOBS, MONDO, US
[72] THEKADATH, AJITH, US
[72] DALDOSS, LIDIA, US
[72] HENSTOCK, DAVID, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-07-11
[86] 2017-01-27 (PCT/US2017/015498)
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[30] US (62/294,825) 2016-02-12
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[51] **Int.Cl. A47L 9/10 (2006.01) A47L 9/16 (2006.01)**
[25] EN
[54] **SEPARATING APPARATUS AND VACUUM CLEANER**
[54] **APPAREIL DE SEPARATION ET ASPIRATEUR**
[72] ROBINSON, KATE ELIZABETH, GB
[72] DIMBYLOW, STEPHEN ROBERT, GB
[72] KERR, WILLIAM HENRY, GB
[72] VUIJK, REMCO DOUWINUS, GB
[71] DYSON TECHNOLOGY LIMITED, GB
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[51] **Int.Cl. A61K 31/122 (2006.01) A61P 25/28 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **TOCOPHEROL AND TOCOTRIENOL QUINONE DERIVATIVES FOR INCREASING THIOSULFATE LEVELS OR DECREASING HYDROGEN SULFIDE LEVELS**
[54] **DERIVES DE TOCOPHEROL ET DE TOCOTRIENOL QUINONE POUR AUGMENTER LES NIVEAUX DE THIOSULFATE OU REDUIRE LES NIVEAUX DE SULFURE D'HYDROGENE**
[72] SHRADER, WILLIAM D., US
[71] BIOELECTRON TECHNOLOGY CORPORATION, US
[85] 2018-07-11
[86] 2017-01-12 (PCT/US2017/013271)
[87] (WO2017/123822)
[30] US (62/277,486) 2016-01-12
[30] US (62/277,890) 2016-01-12
[30] US (62/277,847) 2016-01-12

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[25] EN
[54] **VASCULAR EXTRACELLULAR MATRIX HYDROGEL**
[54] **HYDROGEL DE MATRICE EXTRACELLULAIRE VASCULAIRE**
[72] BADYLAK, STEPHEN F., US
[72] FERCANA, GEORGE R., JR., US
[72] GLEASON, THOMAS G., US
[72] PHILLIPPI, JULIE ANNE, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[86] 2017-01-13 (PCT/US2017/013355)
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[30] US (62/278,065) 2016-01-13

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[25] EN
[54] **BREW BASKET FOR AUTOMATED BEVERAGE BREWING APPARATUS**
[54] **PANIER-FILTRE POUR APPAREIL D'INFUSION DE BOISSON AUTOMATISE**
[72] MATHIAS, RICHARD RHYS, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2018-07-11
[86] 2017-01-13 (PCT/US2017/013378)
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[54] **COUSSINET EPICONDYLIEN**
[72] BAUERFEIND, HANS B., DE
[72] SCHEUERMANN, RAINER, DE
[72] BOCKELMANN, JOACHIM, DE
[71] BAUERFEIND AG, DE
[85] 2018-07-12
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[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] PETERS, LAURENT JAMES, GB
[72] KERR, WILLIAM HENRY, GB
[71] DYSON TECHNOLOGY LIMITED, GB
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[25] EN
[54] **MEDICAL IMAGING SYSTEM HAVING AN ARRAY OF DISTRIBUTED X-RAY GENERATORS**
[54] **SYSTEME D'IMAGERIE MEDICALE COMPORTANT UN RESEAU DE GENERATEURS DE RAYONS X REPARTIS**
[72] TRAVISH, GIL, GB
[72] BETTERIDGE, PAUL, GB
[72] EVANS, MARK, GB
[72] HOLDEN, MARTIN, US
[72] MUGHAL, ABDUL SAMI, GB
[72] SCHMIEDEHAUSEN, KRISTIN, US
[71] ADAPTIX LTD, GB
[85] 2018-07-12
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[25] EN
[54] **CELLULAR BLEND FOR THE REGENERATION OF CHONDROCYTES OR CARTILAGE TYPE CELLS**
[54] **MELANGE CELLULAIRE DESTINE A LA REGENERATION DE CHONDROCYTES OU DE CELLULES DE TYPE CARTILAGINEUX**
[72] O'HEERON, PETE, US
[71] SPINALCYTE, LLC, US
[85] 2018-07-11
[86] 2017-01-13 (PCT/US2017/013449)
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[30] US (62/278,635) 2016-01-14
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[51] **Int.Cl. G06F 19/00 (2018.01)**
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[54] **METHOD FOR OPERATING A MEDICAL SYSTEM, COMPUTER PROGRAM PRODUCT, MEDICAL SYSTEM, AND CONTROL DEVICE**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME MEDICAL, PRODUIT DE PROGRAMME INFORMATIQUE, SYSTEME MEDICAL ET DISPOSITIF DE COMMANDE**
[72] GRAF, MARKUS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **AN ELECTRICALLY CONDUCTIVE MULTI-LAYER MATERIAL**
[54] **MATERIAU MULTICOUCHE ELECTROCONDUCTEUR**
[72] DRAUDINS, KRISTAPS, LV
[72] LIEDE, ARMANDS, LV
[71] DRAUDINS, KRISTAPS, LV
[71] LIEDE, ARMANDS, LV
[71] SENHOFS, KARLIS, LV
[71] STANKEVICS, ERIKS, LV
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[25] EN
[54] **MODULAR BUILDING STRUCTURE**
[54] **STRUCTURE DE BATIMENT MODULAIRE**
[72] LESTINI, FEDERICO, IT
[72] POFI, LUCA, IT
[71] EMMEALLAENNE S.R.L., IT
[85] 2018-07-12
[86] 2016-12-23 (PCT/IB2016/057968)
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[25] EN
[54] **RETAINING MEANS FOR PLASTIC FIBERS**
[54] **MOYEN DE RETENUE DE FIBRES SYNTHETIQUES**
[72] SPIES, OLIVER, DE
[71] SPIES, OLIVER, DE
[85] 2018-07-12
[86] 2017-01-13 (PCT/EP2017/050690)
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[25] EN
[54] **CRYSTALLINE ERAVACYCLINE BIS-HYDROCHLORIDE**
[54] **BIS-CHLORHYDRATE D'ERAVACYCLINE CRISTALLINE**
[72] LENGAUER, HANNES, AT
[71] SANDOZ AG, CH
[85] 2018-07-12
[86] 2017-01-20 (PCT/EP2017/051203)
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[51] **Int.Cl. E04B 1/348 (2006.01) E04B 1/24 (2006.01)**
[25] EN
[54] **CLADDING FOR A MODULAR FRAME STRUCTURE**
[54] **PAREMENT POUR STRUCTURE DE CADRE MODULAIRE**
[72] LESTINI, FEDERICO, IT
[72] POFI, LUCA, IT
[71] EMMEALLAENNE S.R.L., IT
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[25] EN
[54] **CARBODIIMIDE CURING FOR PACKAGING COATING COMPOSITIONS**
[54] **DURCISSEMENT DE CARBODIIMIDE POUR COMPOSITIONS DE REVETEMENT D'EMBALLAGE**
[72] CHASSER, ANTHONY, US
[72] KURTZ, CHRISTOPHER, US
[72] ZHOU, HONGYING, US
[72] RETSCH, WILLIAM, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-07-12
[86] 2017-01-13 (PCT/IB2017/050191)
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[30] EP (16151621.6) 2016-01-15
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[54] **A BENDING GROUP OF A PANELLING MACHINE TOOL**
[54] **GROUPE DE CINTRAGE D'UNE MACHINE-OUTIL DE PANNEAUTAGE**
[72] LAZZATI, ALBERTO, IT
[71] OLMA S.R.L., IT
[85] 2018-07-12
[86] 2017-01-26 (PCT/IB2017/050402)
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[54] **RESILIENT HEAD MOUNTED DEVICE FOR NEUROSTIMULATION AND SENSING OF BODY PARAMETERS**
[54] **VISIOCASQUE ELASTIQUE DE NEUROSTIMULATION ET DETECTION DE PARAMETRES CORPORELS**
[72] DAR, AMIT, IL
[72] COHEN, AMIR, IL
[72] BELSON, RON, IL
[72] BAR-OR, JONATHAN, IL
[71] NEUROLIEF LTD., IL
[85] 2018-07-12
[86] 2017-01-26 (PCT/IB2017/050416)
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[25] EN
[54] **CHEMILUMINESCENT PROBES FOR DIAGNOSTICS AND IN VIVO IMAGING**
[54] **SONDES CHIMIOLUMINESCENTES DESTINEES AU DIAGNOSTIC ET A L'IMAGERIE IN VIVO**
[72] SHABAT, DORON, IL
[72] SATCHI-FAINARO, RONIT, IL
[72] HANANYA, NIR, IL
[72] GREEN, ORI, IL
[72] EILON, TAL, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[85] 2018-07-12
[86] 2017-01-24 (PCT/IL2017/050088)
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[25] EN
[54] **ANTENNA DEVICE AND ARRAY ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE ET DISPOSITIF D'ANTENNE RESEAU**
[72] NISHIOKA, YASUHIRO, JP
[72] TANAKA, TAI, JP
[72] INASAWA, YOSHIO, JP
[72] OGINO, HAYATO, JP
[72] FUKUMA, YUICHIRO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-07-12
[86] 2016-01-20 (PCT/JP2016/051551)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TYPE 1 DIABETES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU DIABETE DE TYPE 1**
[72] ROTTIERS, PIETER, BE
[72] STEIDLER, LOTHAR, BE
[71] INTREXON ACTOBIOTICS N.V., BE
[85] 2018-07-11
[86] 2017-01-13 (PCT/IB2017/050204)
[87] (WO2017/122180)
[30] US (62/278,493) 2016-01-14
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[25] EN
[54] **FLUX-CORED WIRE, MANUFACTURING METHOD OF WELDED JOINT, AND WELDED JOINT**
[54] **FIL A COEUR DE FLUX, PROCEDE DE FABRICATION DE RACCORD SOUDE ET RACCORD SOUDE**
[72] WATANABE, KOTARO, JP
[72] KUMAGAI, TATSUYA, JP
[72] FUJIMOTO, HIROKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-12
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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **MOBILIZATION OF PLURIPOTENT STEM CELLS FOR ISCHEMIC CEREBRAL INFARCTION**
[54] **MOBILISATION DE CELLULES SOUCHES PLURIPOTENTES POUR L'INFARCTUS CEREBRAL ISCHEMIQUE**
[72] KURODA, SATOSHI, JP
[72] DEZAWA, MARI, JP
[71] UNIVERSITY OF TOYAMA, JP
[71] LIFE SCIENCE INSTITUTE, INC, JP
[71] DEZAWA, MARI, JP
[85] 2018-07-12
[86] 2017-01-16 (PCT/JP2017/001283)
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[25] EN
[54] **HYDRATION SLEEVE AND BLADDER AND RELATED SYSTEMS AND METHODS**
[54] **MANCHON D'HYDRATATION ET VESSIE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SOLA, KYLE, US
[72] GESER, MARCEL, CH
[72] RIEDER, FRANZISKA, US
[71] DGM CREATIONS LLC, US
[85] 2018-07-11
[86] 2017-01-13 (PCT/US2017/013530)
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[25] EN
[54] **USER TERMINAL, RADIO BASE STATION, AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR, STATION DE BASE SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] HARADA, HIROKI, JP
[72] TAKEDA, KAZUKI, JP
[72] TAKEDA, KAZUAKI, JP
[72] KISHIYAMA, YOSHIHISA, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2018-07-12
[86] 2017-01-25 (PCT/JP2017/002422)
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[51] **Int.Cl. C12Q 1/22 (2006.01) A61L 2/07 (2006.01) C12M 1/12 (2006.01)**
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[54] **BIOLOGICAL INDICATORS**
[54] **INDICATEURS BIOLOGIQUES**
[72] YIRAVA, WILLIAM A., US
[72] BEAHN, NICOLE M., US
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA, US
[71] AMERICAN STERILIZER COMPANY, US
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[86] 2016-08-09 (PCT/US2016/046144)
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[51] **Int.Cl. C03C 17/23 (2006.01)**
[25] EN
[54] **TRANSPARENT SUBSTRATE WITH NON-TRANSPARENT FILM**
[54] **SUBSTRAT TRANSPARENT POURVU DE FILM NON TRANSPARENT**
[72] MORI, KAZUTOMO, JP
[72] IKEDA, TORU, JP
[72] TAKEDA, YOSUKE, JP
[72] KUWAHARA, YUUICHI, JP
[71] AGC INC., JP
[85] 2018-07-10
[86] 2016-11-28 (PCT/JP2016/085231)
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[25] EN
[54] **INFUSION DEVICE**
[54] **DISPOSITIF DE PERFUSION**
[72] SLUGGETT, ANDREW, AU
[72] DJURASEVICH, DANNY, AU
[72] CROCKETT, PAUL, AU
[72] ASH, GABRIEL, AU
[71] INFUSION INNOVATIONS PTY LTD, AU
[85] 2018-07-12
[86] 2017-01-12 (PCT/AU2017/050019)
[87] (WO2017/120639)
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[25] EN
[54] **PERFORMING ONE OR MORE ANALYSES ON A THIN LAYER OF BIOLOGIC FLUID USING OPTICALLY RESPONSIVE CHEMICAL SENSORS**
[54] **EXECUTION D'UNE OU DE PLUSIEURS ANALYSES SUR UNE COUCHE MINCE DE FLUIDE BIOLOGIQUE A L'AIDE DE CAPTEURS CHIMIQUES OPTIQUEMENT SENSIBLES**
[72] LEVINE ROBERT A., US
[72] WARDLAW, STEPHEN C., US
[71] LEVINE ROBERT A., US
[71] WARDLAW, STEPHEN C., US
[85] 2018-07-12
[86] 2016-10-14 (PCT/US2016/056965)
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[30] US (62/279,451) 2016-01-15

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[51] **Int.Cl. A01N 43/08 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/60 (2006.01) A01N 43/84 (2006.01) A01N 43/90 (2006.01) A01P 15/00 (2006.01)**
[25] EN
[54] **USE OF ACTIVE SUBSTANCES FOR CONTROLLING VIRUS INFECTION IN PLANTS**
[54] **UTILISATION DE PRINCIPES ACTIFS POUR LUTTER CONTRE UNE INFECTION VIRALE DANS DES PLANTES**
[72] BALTZ, RACHEL, FR
[72] BERNIER, DAVID, FR
[72] JAY-BRIOUDES, FLORENCE, CH
[72] KNOBLOCH, THOMAS, FR
[72] VITEL, MAXIME, FR
[72] VOINNET, OLIVIER, CH
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-07-12
[86] 2017-01-12 (PCT/EP2017/050583)
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[13] A1
[51] **Int.Cl. H04R 1/40 (2006.01) A61B 8/14 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **ULTRASOUND SIGNAL PROCESSING CIRCUITRY AND RELATED APPARATUS AND METHODS**
[54] **ENSEMBLE CIRCUIT DE TRAITEMENT DE SIGNAUX ULTRASONORES ET APPAREIL ET PROCEDES ASSOCIES**
[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-07-12
[86] 2016-10-21 (PCT/US2016/058033)
[87] (WO2017/123303)
[30] US (14/997,381) 2016-01-15

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **DEEP SEQUENCING PROFILING OF TUMORS**
[54] **PROFILAGE DE TUMEURS PAR SEQUENCAGE PROFOND**
[72] ALEXANDER, NELSON, US
[72] BURGESS, DANIEL, US
[72] STANISLAW, STACEY, US
[72] ROSENBAUM, HEIDI, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2018-07-12
[86] 2016-11-07 (PCT/US2016/060835)
[87] (WO2017/123316)
[30] US (62/279,126) 2016-01-15
[30] US (62/415,952) 2016-11-01

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[51] **Int.Cl. F26B 1/00 (2006.01) A23C 1/00 (2006.01) A23C 1/04 (2006.01) A23C 21/00 (2006.01) C13K 5/00 (2006.01) F26B 3/08 (2006.01) F26B 17/00 (2006.01)**
[25] EN
[54] **DRYER FOR LACTOSE AND HIGH LACTOSE PRODUCTS**
[54] **DISPOSITIF DE SECHAGE DU LACTOSE ET PRODUITS A HAUTE TENEUR EN LACTOSE**
[72] KELLER, A. KENT, US
[71] KELLER, A. KENT, US
[85] 2018-07-12
[86] 2016-12-08 (PCT/US2016/065628)
[87] (WO2017/106008)
[30] US (62/267,838) 2015-12-15

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[51] **Int.Cl. A01N 43/42 (2006.01) A01P 15/00 (2006.01)**
[25] EN
[54] **USE OF ACTIVE SUBSTANCES FOR CONTROLLING VIRUS INFECTION IN PLANTS**
[54] **UTILISATION DE PRINCIPES ACTIFS POUR LUTTER CONTRE UNE INFECTION VIRALE DANS DES PLANTES**
[72] BALTZ, RACHEL, FR
[72] BERNIER, DAVID, FR
[72] JAY-BRIOUDES, FLORENCE, CH
[72] KNOBLOCH, THOMAS, FR
[72] VITEL, MAXIME, FR
[72] VOINNET, OLIVIER, CH
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-07-12
[86] 2017-01-12 (PCT/EP2017/050585)
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[30] EP (16290010.4) 2016-01-13

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[51] **Int.Cl. H04W 48/00 (2009.01) H04B 7/024 (2017.01)**
[25] EN
[54] **BEAM SELECTION FOR UPLINK AND DOWNLINK BASED MOBILITY**
[54] **SELECTION DE FAISCEAU POUR UNE MOBILITE A BASE DE LIAISON MONTANTE ET DE LIAISON DESCENDANTE**
[72] KUBOTA, KEIICHI, US
[72] JI, TINGFANG, US
[72] LUO, TAO, US
[72] HORN, GAVIN BERNARD, US
[72] SMEE, JOHN EDWARD, US
[72] AGARWAL, RAVI, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] TAVILDAR, SAURABHA RANGRAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-12
[86] 2017-01-06 (PCT/US2017/012555)
[87] (WO2017/139050)
[30] US (62/293,761) 2016-02-10
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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 1/06 (2006.01)**
[25] EN
[54] **COLOR SIDE BETS IN BACCARAT**
[54] **PARIS DE COTE DE COULEUR AU BACCARA**
[72] LYSOWSKI, JOHN, US
[72] ARMOGAN, NATHAN RONALD, US
[71] CAESARS ENTERPRISE SERVICES, LLC, US
[85] 2018-07-12
[86] 2016-12-30 (PCT/US2016/069549)
[87] (WO2017/123426)
[30] US (14/996,106) 2016-01-14

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[51] **Int.Cl. E21B 10/42 (2006.01) E01C 23/12 (2006.01) E21B 10/54 (2006.01) E21C 37/26 (2006.01)**
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[54] **ANGLED CHISEL INSERT**
[54] **PLAQUETTE A CISEAU COUDE**
[72] CROCKETT, RONALD, US
[72] NORRIS, DWAIN, US
[72] MADSEN, AARON, US
[72] CANNON, NEIL, US
[72] BELNAP, JOHN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-07-12
[86] 2017-01-11 (PCT/US2017/012895)
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[30] US (62/278,116) 2016-01-13
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[51] **Int.Cl. C07D 301/00 (2006.01) C07D 303/42 (2006.01) C08K 5/1515 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING EPOXIDIZED FATTY ACID ALKYL ESTERS USEFUL AS PLASTICIZERS**
[54] **PROCEDES DE PRODUCTION D'ESTERS ALKYLIQUES D'ACIDE GRAS EPOXYDES UTILES EN TANT QUE PLASTIFIANTS**
[72] KAZEMIZADEH, MOHAMMED R., US
[72] MAIXNER, DAVID E., US
[72] BONNET, CECILE N., US
[71] ARKEMA INC., US
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[25] EN
[54] **MICROFLUIDIC ANALYSIS OF LIGAND INDUCED CELL EXPRESSION**
[54] **ANALYSE MICROFLUIDIQUE D'EXPRESSION CELLULAIRE INDUITE PAR LIGAND**
[72] HU, HONGXING, DE
[72] SEAH, SAMANTHA, DE
[72] MERTEN, CHRISTOPH A., DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[85] 2018-07-12
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[51] **Int.Cl. C08K 5/103 (2006.01) C08K 5/10 (2006.01)**
[25] EN
[54] **PHTHALATE-FREE, EPOXIDIZED PLASTICIZER COMPOSITIONS COMPRISING FATTY ACID ESTERS AND BIO-BASED OILS, AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS DE PLASTIFIANT EPOXYDE, SANS PHTALATE COMPRENANT DES ESTERS D'ACIDES GRAS ET DES HUILES D'ORIGINE BIOLOGIQUE, ET LEURS PROCEDES DE PREPARATION**
[72] KAZEMIZADEH, MOHAMMED R., US
[72] BONNET, CECILE N., US
[71] ARKEMA INC., US
[85] 2018-07-12
[86] 2017-01-11 (PCT/US2017/012921)
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[30] US (62/278,079) 2016-01-13

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[51] **Int.Cl. C01B 32/10 (2017.01) C08J 3/20 (2006.01) C08K 3/04 (2006.01) C08K 3/08 (2006.01)**
[25] EN
[54] **COMPOSITES CONTAINING ALIGNED CARBON NANOTUBES, METHODS OF MANUFACTURE AND APPLICATIONS THEREOF**
[54] **COMPOSITES CONTENANT DES NANOTUBES DE CARBONE ALIGNES, ET LEURS PROCEDES DE FABRICATION ET APPLICATIONS**
[72] ZHOU, ZHOU, US
[72] KHABASHESKU, VALERY N., US
[72] MONTEIRO, OTHON DO REGO, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-12
[86] 2017-01-11 (PCT/US2017/012984)
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[25] EN
[54] **USE OF ACTIVE SUBSTANCES FOR CONTROLLING VIRUS INFECTION IN PLANTS**
[54] **UTILISATION DE PRINCIPES ACTIFS POUR LUTTER CONTRE UNE INFECTION VIRALE DANS DES PLANTES**
[72] BALTZ, RACHEL, FR
[72] BERNIER, DAVID, FR
[72] JAY-BRIOUDES, FLORENCE, CH
[72] KNOBLOCH, THOMAS, FR
[72] VITEL, MAXIME, FR
[72] VOINNET, OLIVIER, CH
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-07-12
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[25] EN
[54] **METHOD FOR MEASURING TEAR CONSTITUENTS IN A TEAR SAMPLE**
[54] **METHODE DE MESURE DE CONSTITUANTS DES LARMES DANS UN ECHANTILLON DE LARME**
[72] SOMMERA, AMOS, IL
[72] FAKTOR, OURIEL, IL
[72] EILAT, ERAN, IL
[71] DIAGNOS TEAR, LTD., IL
[85] 2018-07-12
[86] 2017-01-13 (PCT/IB2017/000059)
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[30] US (62/278,805) 2016-01-14
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[25] EN
[54] **IMPROVED FLAME RESISTANT THERMAL LINERS AND GARMENTS MADE WITH SAME**
[54] **DOUBLURES THERMIQUES IGNIFUGES AMELIOREES ET VETEMENTS FABRIQUES AVEC CELLES-CI**
[72] COLATRUGLIO, MATTHEW LUCIUS, US
[72] STANHOPE, MICHAEL T., US
[71] SOUTHERN MILLS, INC., US
[85] 2018-07-12
[86] 2017-01-12 (PCT/US2017/013157)
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[25] EN
[54] **NONWOVEN CLEANING SUBSTRATE**
[54] **SUBSTRAT DE NETTOYAGE NON-TISSE**
[72] DUTKIEWICZ, JACEK K., US
[72] FONG, BRIAN, US
[72] LYMAN, ARINNE, US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2018-07-12
[86] 2017-01-12 (PCT/US2017/013159)
[87] (WO2017/123734)
[30] US (62/277,950) 2016-01-12

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[51] **Int.Cl. B22D 11/10 (2006.01) B22D 41/56 (2006.01)**
[25] EN
[54] **IMMERSION NOZZLE REPLACEMENT METHOD**
[54] **PROCEDE DE REMPLACEMENT DE BUSETTE IMMERGEE**
[72] FUKUNAGA, SHINICHI, JP
[72] KURODA, TAKAHIRO, JP
[72] OOUCHI, TATSUYA, JP
[72] OKADA, TAKUYA, JP
[72] OOTSUKA, AKIRA, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2018-07-12
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[25] EN
[54] **WAVE POWER GENERATION DEVICE INCLUDING WIRE**
[54] **DISPOSITIF DE PRODUCTION D'ENERGIE HOULOMOTRICE CONTENANT UN CABLE**
[72] SUNG, YONG JUN, KR
[71] INGINE, INC., KR
[85] 2018-07-12
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 21/30 (2013.01) G06F 15/16 (2006.01)**
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[54] **MULTI-TECHNOLOGY VISUAL INTEGRATED DATA MANAGEMENT AND ANALYTICS DEVELOPMENT AND DEPLOYMENT ENVIRONMENT**
[54] **ENVIRONNEMENT DE DEPLOIEMENT ET DEVELOPPEMENT ANALYTIQUE ET DE GESTION DE DONNEES INTEGREES VISUELLES MULTI-TECHNOLOGIE**
[72] KADUWELA, VIJITHA, US
[72] INBASEKARAN, RAJESH, US
[71] KAVI ASSOCIATES, LLC, US
[85] 2018-07-12
[86] 2017-01-12 (PCT/US2017/013226)
[87] (WO2017/123786)
[30] US (62/277,759) 2016-01-12

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[54] **RODENTS HAVING AN ENGINEERED HEAVY CHAIN DIVERSITY REGION**
[54] **RONGEURS PRESENTANT UNE REGION DE DIVERSITE DE CHAINE LOURDE MODIFIEE**
[72] MACDONALD, LYNN, US
[72] MCWHIRTER, JOHN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-07-12
[86] 2017-01-12 (PCT/US2017/013247)
[87] (WO2017/123804)
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[25] EN
[54] **SYSTEMS AND METHOD FOR CONTROLLING ELECTRODYNAMIC MACHINES WITH A VARIABLE FREQUENCY DRIVE**
[54] **SYSTEMES ET PROCEDE DE COMMANDE DE MACHINES ELECTRODYNAMIQUES A ENTRAINEMENT A FREQUENCE VARIABLE**
[72] OSMAN, RICHARD H., US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013287)
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[51] **Int.Cl. A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **IOTA CARRAGEENAN - MULTI-VALENT CATION ALGINATE BINDER COMPOSITION**
[54] **COMPOSITION DE LIANT CONTENANT UN UN CARRAGHENANE IOTA ET UN ALGINATE DE CATIONS MULTIVALENTS**
[72] ANTALA, AMRUTA, US
[72] CAMPBELL, THOMAS SCOTT, US
[71] FMC CORPORATION, US
[85] 2018-07-12
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[25] EN
[54] **HYDROXY FUNCTIONAL ALKYL POLYUREA CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT DES POLYUREES ALKYLIQUES A FONCTION HYDROXY**
[72] ZHOU, HONGYING, US
[72] SWARUP, SHANTI, US
[72] CHASSER, ANTHONY M., US
[72] MILLERO, EDWARD R., JR., US
[72] SCHNEIDER, JOHN R., US
[72] CHAO, TIEN-CHIEH, US
[72] KURTZ, CHRISTOPHER P., US
[72] XU, XIANGLING, US
[72] DUDIK, JOHN M., US
[72] RETSCH, WILLIAM H., JR., US
[72] KABAGAMBE, BENJAMIN, US
[72] KRALIC, RONALD, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013340)
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[30] US (14/996,838) 2016-01-15

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS FOR PREDICTING RESPONSE TO TREATMENT**
[54] **PROCEDES DESTINES A PREDIRE LA REACTIVITE A UN TRAITEMENT**
[72] DOUCETTE-STAMM, LYNN, US
[72] DUFF, GORDON W., GB
[72] KORNMAN, KENNETH S., US
[71] INTERLEUKIN GENETICS, INC., US
[85] 2018-07-12
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[51] **Int.Cl. A61K 31/19 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USE OF .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) FOR JOINT STABILITY**
[54] **COMPOSITIONS ET METHODES D'UTILISATION DU ?-HYDROXY-?-METHYLBUTYRATE (HMB) POUR LA STABILITE DES ARTICULATIONS**
[72] FULLER, JOHN, US
[72] RATHMACHER, JOHN, US
[72] HARRIS, EMILY, US
[72] BAIER, SHAWN, US
[71] METABOLIC TECHNOLOGIES, INC., US
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[54] **FILTER AND FILTER MEDIA HAVING A FIBER BLEND**
[54] **FILTRE ET SUPPORT FILTRANT AYANT UN MELANGE DE FIBRES**
[72] BANSAL, VISHAL, US
[72] LADWIG, JEFFERY MICHAEL, US
[72] KADAVY, DALE R., US
[71] BHA ALTAIR, LLC, US
[85] 2018-07-12
[86] 2017-01-20 (PCT/US2017/014274)
[87] (WO2017/127638)
[30] US (62/286,060) 2016-01-22
[30] US (15/410,336) 2017-01-19

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[51] **Int.Cl. F16L 37/48 (2006.01) F15D 1/02 (2006.01)**
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[54] **TAP CONNECTOR WITH FLOW STABILIZATION**
[54] **RACCORD DE ROBINET A STABILISATION DE FLUX**
[72] RENNER, THOMAS, DE
[71] HUSQVARNA AB, SE
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[86] 2016-03-23 (PCT/EP2016/056423)
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[25] EN
[54] **NONWOVEN CLEANING SUBSTRATE**
[54] **SUBSTRAT DE NETTOYAGE NON-TISSE**
[72] DUTKIEWICZ, JACEK K., US
[72] FONG, BRIAN, US
[72] LYMAN, ARINNE, US
[71] GEORGIA-PACIFIC NONWOVENS LLC, US
[85] 2018-07-12
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[51] **Int.Cl. D01D 5/098 (2006.01) D04H 3/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A SPUNBOND NONWOVEN FROM ENDLESS FILAMENTS**
[54] **DISPOSITIF ET PROCEDE POUR PRODUIRE DES NON-TISSES A PARTIR DE FILAMENTS CONTINUS**
[72] NITSCHKE, MICHAEL, DE
[72] SWIATEK, MARTIN, DE
[72] NEUENHOFER, MARTIN, DE
[72] GEUS, HANS-GEORG, DE
[72] FREY, DETLEF, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[86] 2016-12-15 (PCT/EP2016/081172)
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[30] EP (16152916.9) 2016-01-27

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[51] **Int.Cl. H04W 4/00 (2018.01)**
[25] EN
[54] **MOBILE DEVICE SYNCHRONIZATION WITH BLUETOOTH LOW ENERGY AND DATA COLLECTION**
[54] **SYNCHRONISATION DE DISPOSITIF MOBILE A BLUETOOTH BASSE ENERGIE ET COLLECTE DE DONNEES**
[72] HANNON, MARWAN, US
[71] DRIVING MANAGEMENT SYSTEMS, INC., US
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013398)
[87] (WO2017/123917)
[30] US (62/279,142) 2016-01-15

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[51] **Int.Cl. A63H 33/00 (2006.01) B29C 39/02 (2006.01) B29C 39/24 (2006.01) B43K 19/00 (2006.01) C08L 91/06 (2006.01) C09D 13/00 (2006.01)**
[25] EN
[54] **AUTOMATED CRAYON MELTING AND MOLDING DEVICE, METHOD, AND SYSTEM**
[54] **DISPOSITIF, PROCEDE ET SYSTEME AUTOMATISES DE FUSION ET DE MOULAGE DE CRAYONS**
[72] HENRY, ROBERT, US
[72] HO, YING K., US
[72] HANNA, RAMY, US
[72] NUNGESTER, GREGORY R., US
[71] CRAYOLA, LLC, US
[85] 2018-07-12
[86] 2017-02-06 (PCT/US2017/016664)
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[30] US (62/291,975) 2016-02-05
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[54] **DEVICE FOR PREPARING BABY FOOD**
[54] **DISPOSITIF DE PREPARATION DE NOURRITURE POUR BEBE**
[72] SCHLACK, STEFAN, DE
[71] SCHLACK, STEFAN, DE
[85] 2018-07-13
[86] 2017-01-11 (PCT/EP2017/000030)
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[30] DE (10 2016 000 406.1) 2016-01-14

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[25] EN
[54] **COMBINATION OF ABCG2 INHIBITORS WITH SACITUZUMAB GOVITECAN (IMMU-132) OVERCOMES RESISTANCE TO SN-38 IN TROP-2 EXPRESSING CANCERS**
[54] **LA COMBINAISON INHIBITEURS ABCG2-SACITUZUMAB GOVITECAN (IMMU-132) SURMONTE LA RESISTANCE A SN-38 DANS LES CANCERS EXPRIMANT TROP-2**
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2018-07-12
[86] 2017-02-10 (PCT/US2017/017435)
[87] (WO2017/139623)
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[30] US (62/329,788) 2016-04-29
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[54] **TEXTILE ITEM OF CLOTHING**
[54] **ARTICLE VESTIMENTAIRE TEXTILE**
[72] HEXELS, GERD, DE
[71] HEXONIA GMBH, DE
[85] 2018-07-13
[86] 2017-01-13 (PCT/EP2017/050627)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TARGETED CYTOKINE DELIVERY**
[54] **COMPOSITIONS ET METHODES POUR L'ADMINISTRATION CIBLEE DE CYTOKINES**
[72] KRUPNICK, ALEXANDER SASHA, US
[72] LAZEAR, ERIC REED, US
[72] WESTWICK, JOHN, US
[72] FREMONT, DAVED HENRY, US
[71] WASHINGTON UNIVERSITY, US
[85] 2018-07-12
[86] 2017-02-06 (PCT/US2017/016688)
[87] (WO2017/136818)
[30] US (62/292,046) 2016-02-05
[30] US (62/342,630) 2016-05-27
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[25] EN
[54] **PROCESS FOR PRODUCING OXALIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE OXALIQUE**
[72] KACZUR, JERRY J., US
[72] LAKKARAJU, PRASAD P., US
[72] PARAJULI, RISHI R., US
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
[85] 2018-07-13
[86] 2017-01-13 (PCT/EP2017/050735)
[87] (WO2017/121887)
[30] US (62/278,282) 2016-01-13

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[51] **Int.Cl. B23D 61/02 (2006.01) B24D 5/12 (2006.01) B26D 7/26 (2006.01) B28D 1/04 (2006.01) B28D 1/12 (2006.01)**
[25] EN
[54] **CIRCULAR BLADE CORES WITH REMOVABLE SECTIONS AND METHODS OF ASSEMBLY AND USE**
[54] **PARTIES CENTRALES DE LAME CIRCULAIRE COMPRENANT DES SECTIONS AMOVIBLES, AINSI QUE PROCEDES D'ASSEMBLAGE ET D'UTILISATION**
[72] BARATTA, ANTHONY, US
[71] BARON INVESTMENTS, LLC, US
[85] 2018-07-12
[86] 2017-02-14 (PCT/US2017/017844)
[87] (WO2017/139810)
[30] US (62/295,143) 2016-02-14

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[51] **Int.Cl. G06F 3/01 (2006.01) A63F 13/52 (2014.01) G02B 27/00 (2006.01) G06F 3/00 (2006.01) G06F 3/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUGMENTED REALITY**
[54] **SYSTEMES ET PROCEDES POUR REALITE AUGMENTEE**
[72] MILLER, SAMUEL A., US
[72] WOODS, MICHAEL J., US
[72] LUNDMARK, DAVID C., US
[71] MAGIC LEAP, INC., US
[85] 2018-07-12
[86] 2017-02-06 (PCT/US2017/016722)
[87] (WO2017/136833)
[30] US (62/292,185) 2016-02-05
[30] US (62/298,993) 2016-02-23
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[25] EN
[54] **GOODS-TO-MAN WAREHOUSING COMPRISING MULTILEVEL RACKING, MOBILE STORAGE UNITS, STORAGE UNIT TRANSPORTERS, AND PICK-PLACE VEHICLE**
[54] **ENTREPOSAGE DU TYPE MARCHANDISES VERS L'HOMME COMPRENANT DES ETAGERES A NIVEAUX MULTIPLES, TRANSPORTEURS D'UNITE DE STOCKAGE, ET VEHICULE DE PRISE ET DE DISPOSITION**
[72] OTTO, MATTHEW J., US
[72] GARMANN, GREGORY S., US
[72] ADDISON, MARK E., US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013405)
[87] (WO2017/123923)
[30] US (62/278,502) 2016-01-14

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[51] **Int.Cl. A63B 5/11 (2006.01)**
[25] EN
[54] **TRAMPOLINE SAFETY ENCLOSURE**
[54] **ENCEINTE DE SECURITE DE TRAMPOLINE**
[72] SEAMAN, ROBERT BRIAN, AU
[72] JONES, DAVID ANDREW, AU
[72] HUNTER, MURRAY DAVID KIRBY, AU
[72] BLATTMANN, LEE DAVID, AU
[71] ACTION SPORTS EQUIPMENT PTY LTD, AU
[85] 2018-07-13
[86] 2017-01-27 (PCT/AU2017/050071)
[87] (WO2017/127898)
[30] AU (2016900236) 2016-01-27

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[51] **Int.Cl. A23J 1/00 (2006.01) A23J 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HIGHLY DIGESTIBLE HYDROLYZED KERATINACEOUS MATERIAL**
[54] **PROCEDE DE FABRICATION DE MATIERE DE KERATINE HYDROLYSEE EXTREMEMENT DIGESTE**
[72] FILLIERES, ROMAIN, FR
[72] BELMANS, MARC, BE
[72] ROGIERS, JOERI, BE
[72] DELMOTTE, MATTHIEU, FR
[72] LOUSSOUARN, VINCENT, FR
[71] TESSENDERLO GROUP N.V./SA, BE
[85] 2018-07-13
[86] 2017-01-16 (PCT/EP2017/050798)
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[25] EN
[54] **TRAMPOLINE EQUIPMENT AND METHODS**
[54] **EQUIPEMENT DE TRAMPOLINE ET PROCEDES**
[72] SEAMAN, ROBERT BRIAN, AU
[72] JONES, DAVID ANDREW, AU
[72] HUNTER, MURRAY DAVID KIRBY, AU
[72] BLATTMANN, LEE DAVID, AU
[71] ACTION SPORTS EQUIPMENT PTY LTD, AU
[85] 2018-07-13
[86] 2017-01-27 (PCT/AU2017/050072)
[87] (WO2017/127899)
[30] AU (2016900233) 2016-01-27

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[51] **Int.Cl. A61K 47/62 (2017.01) A61K 47/68 (2017.01) A61K 49/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **BLOOD-BRAIN BARRIER VECTOR COMPOUNDS AND CONJUGATES THEREOF**
[54] **COMPOSES DE VECTEUR DE BARRIERE HEMATO-ENCEPHALIQUE ET CONJUGUES DE CEUX-CI**
[72] JEFFERIES, WILFRED, CA
[72] EYFORD, BRETT, CA
[72] GABATHULER, REINHARD, CA
[71] BIOASIS TECHNOLOGIES, INC., CA
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013410)
[87] (WO2017/123928)
[30] US (62/278,173) 2016-01-13

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[25] EN
[54] **MULTI-PRB OPERATION FOR NARROWBAND SYSTEMS**
[54] **FONCTION A PRB MULTIPLES POUR SYSTEMES A BANDE ETROITE**
[72] RICO ALVARINO, ALBERTO, US
[72] WANG, XIAOFENG, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[72] FAKOORIAN, SEYED ALI AKBAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-12
[86] 2017-02-10 (PCT/US2017/017320)
[87] (WO2017/139540)
[30] US (62/294,150) 2016-02-11
[30] US (15/428,242) 2017-02-09

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[51] **Int.Cl. B60T 3/00 (2006.01) B60P 3/077 (2006.01)**
[25] EN
[54] **WHEEL CHOCK DEVICE**
[54] **DISPOSITIF DE CALE DE ROUE**
[72] RANCOURT, DENIS, CA
[72] ST-AMANT, YVES, CA
[72] KHAZOOM, CHARLES, CA
[71] IGUANE TECHNOLOGIES INC., CA
[85] 2018-07-13
[86] 2016-01-14 (PCT/CA2016/000013)
[87] (WO2016/112458)
[30] US (62/103,561) 2015-01-14

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[25] EN
[54] **PUMP FOR NUCLEAR APPLICATIONS**
[54] **POMPE POUR APPLICATIONS NUCLEAIRES**
[72] VERSTRAETE, TOM, GB
[72] ARTS, TONY, BE
[72] FERNANDEZ, RAFAEL, BE
[72] SCHYNS, MARC, BE
[71] VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BE
[71] SCK.CEN, BE
[85] 2018-07-13
[86] 2017-01-17 (PCT/EP2017/050910)
[87] (WO2017/121907)
[30] GB (1600836.9) 2016-01-17

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[51] **Int.Cl. E06B 9/58 (2006.01) E06B 9/08 (2006.01) E06B 9/42 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **ROLL-UP DOORS AND METHOD FOR SECURING SAME**
[54] **PORTES A ENROULEMENT ET LEUR PROCEDE DE FIXATION**
[72] KLISH, IAN, US
[72] BALAY, JOSEPH, US
[71] CORNELLCOOKSON, LLC, US
[85] 2018-07-12
[86] 2017-01-13 (PCT/US2017/013501)
[87] (WO2017/123992)
[30] US (62/278,202) 2016-01-13

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[51] **Int.Cl. H04N 19/60 (2014.01) H04N 19/42 (2014.01)**
[25] EN
[54] **EFFICIENT TRANSFORM CODING USING OPTIMIZED COMPACT MULTI-PASS TRANSFORMS**
[54] **CODAGE PAR TRANSFORMATION EFFICACE AU MOYEN DE TRANSFORMEES MULTI-PASSES COMPACTES**
[72] SAID, AMIR, US
[72] ZHAO, XIN, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-12
[86] 2017-02-15 (PCT/US2017/017940)
[87] (WO2017/142929)
[30] US (62/295,448) 2016-02-15
[30] US (15/432,633) 2017-02-14

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ACRYLIC ACID DERIVATIVE, PREPARATION METHOD AND USE IN MEDICINE THEREOF**
[54] **DERIVE DE L'ACIDE ACRYLIQUE, SON PROCEDE DE PREPARATION ET SON UTILISATION EN MEDECINE**
[72] GUAN, DONGLIANG, CN
[72] SHENG, SHOUYI, CN
[72] BAI, HUA, CN
[71] ZHEJIANG HISUN PHARMACEUTICAL CO., LTD., CN
[85] 2018-07-06
[86] 2016-10-11 (PCT/CN2016/101768)
[87] (WO2017/080338)
[30] CN (201510771111.7) 2015-11-12

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[51] **Int.Cl. A01G 9/14 (2006.01) B32B 27/00 (2006.01)**
[25] EN
[54] **GREENHOUSE SCREEN**
[54] **RIDEAU DE SERRE**
[72] HOLGERSON, PER, SE
[72] ASPLUND, DANIEL, SE
[71] AB LUDVIG SVENSSON, SE
[85] 2018-07-13
[86] 2017-01-20 (PCT/EP2017/051231)
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[30] SE (1650077-9) 2016-01-22

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[25] EN
[54] **TREATMENT OF DISSOLVED SELENIUM**
[54] **TRAITEMENT DE SELENIUM DISSOUS**
[72] SZCZESNIAK, ADAM, US
[72] SASSAMAN, FRANK L., JR., US
[72] WISMER, MICHAEL W., US
[72] MASON, SAMUEL A., US
[72] DUKES, SIMON P., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2018-07-12
[86] 2017-02-09 (PCT/US2017/017266)
[87] (WO2017/139511)
[30] US (62/293,504) 2016-02-10

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 19/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MANAGING INVENTORY USING AN RFID KANBAN SYSTEM**
[54] **SYSTEMES ET PROCEDES DE GESTION D'INVENTAIRE A L'AIDE D'UN SYSTEME KANBAN D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)**
[72] PHILIPPE, RICHARD, CA
[71] PHILIPPE, RICHARD, CA
[85] 2018-07-13
[86] 2016-01-13 (PCT/CA2016/050028)
[87] (WO2016/112461)
[30] US (62/102,737) 2015-01-13

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[51] **Int.Cl. C08F 2/00 (2006.01) C08L 23/12 (2006.01)**
[25] EN
[54] **HETEROPHASIC PROPYLENE COPOLYMER WITH LOW CLTE**
[54] **COPOLYMERE DE PROPYLENE HETEROPHASIQUE A FAIBLE CLTE**
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[71] BOREALIS AG, AT
[85] 2018-07-13
[86] 2017-01-27 (PCT/EP2017/051705)
[87] (WO2017/129711)
[30] EP (16153370.8) 2016-01-29

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[51] **Int.Cl. A61L 31/06 (2006.01) A61L 17/10 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **SEGMENTED, RHO-DIOXANONE-RICH, POLY(RHO-DIOXANONE-CO-EPSILON-CAPROLACTONE) COPOLYMERS FOR MEDICAL APPLICATIONS AND DEVICES MADE THEREFROM**
[54] **COPOLYMERES DE POLY(RHO-DIOXANONE-CO-EPSILON-CAPROLACTONE) SEGMENTES, RICHES EN RHO-DIOXANONE, DESTINES A DES APPLICATIONS MEDICALES ET DISPOSITIFS FABRIQUES A PARTIR DE CEUX-CI**
[72] ANDJELIC, SASA, US
[72] KEILMAN, KENNETH, US
[71] ETHICON, INC., US
[85] 2018-07-12
[86] 2017-01-16 (PCT/US2017/013665)
[87] (WO2017/127331)
[30] US (15/001,313) 2016-01-20

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[51] **Int.Cl. C08L 23/12 (2006.01) C08F 2/00 (2006.01)**
[25] EN
[54] **HETEROPHASIC PROPYLENE COPOLYMER WITH LOW SHRINKAGE**
[54] **COPOLYMERE DE PROPYLENE HETEROPHASIQUE A FAIBLE RETRAIT**
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[72] SHUTOV, PAVEL, AT
[71] BOREALIS AG, AT
[85] 2018-07-13
[86] 2017-01-27 (PCT/EP2017/051718)
[87] (WO2017/129721)
[30] EP (16153368.2) 2016-01-29

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[51] **Int.Cl. C07F 5/05 (2006.01) A61K 31/69 (2006.01) A61P 31/00 (2006.01) A61P 31/12 (2006.01) C07F 5/04 (2006.01)**
[25] EN
[54] **ANTIVIRAL AND ANTIBACTERIA AGENTS BASED ON QUATERNARY AMMONIUM COMPOUND COMPLEXED WITH BORIC ACID AND ITS DERIVATIVES**
[54] **AGENTS ANTIVIRAUX ET ANTIBACTERIENS A BASE DE COMPOSE D'AMMONIUM QUATERNAIRE COMPLEXE AVEC DE L'ACIDE BORIQUE ET SES DERIVES**
[72] LE, TIEN CANH, CA
[72] LAFRENIERE DI FRUSCIA, GIULIANO, CA
[71] B-ORGANIC FILMS CORP., CA
[85] 2018-07-13
[86] 2016-04-14 (PCT/CA2016/050431)
[87] (WO2016/165019)
[30] US (62/147,161) 2015-04-14

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[51] **Int.Cl. E04H 4/10 (2006.01) A63C 19/12 (2006.01) B60J 7/08 (2006.01) E04F 10/06 (2006.01)**
[25] FR
[54] **DEVICE FOR COVERING A SURFACE INCLUDING INTERLOCKING MEANS**
[54] **DISPOSITIF DE COUVERTURE D'UNE SURFACE COMPRENANT DES MOYENS D'ENCLENCHEMENT**
[72] COENRAETS, BENOIT, BE
[71] BECOFLEX, BE
[85] 2018-07-13
[86] 2017-01-26 (PCT/IB2017/000039)
[87] (WO2017/130053)
[30] BE (2016/5058) 2016-01-25

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[13] A1
[51] **Int.Cl. C09D 5/33 (2006.01) C09D 5/00 (2006.01) C09D 7/00 (2018.01)**
[25] EN
[54] **COATING COMPOSITION FOR SURFACE TEMPERATURE REDUCTION**
[54] **COMPOSITION DE REVETEMENT DESTINEE A LA REDUCTION DE LA TEMPERATURE DE SURFACE**
[72] SCHINDLY, BRIAN, US
[72] JORDAN, TERRY, US
[72] FERRARA, MADDI, US
[72] VETRICK, MICHAEL, US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-07-12
[86] 2017-01-17 (PCT/US2017/013771)
[87] (WO2017/124096)
[30] US (62/279,400) 2016-01-15

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[51] **Int.Cl. H02N 2/04 (2006.01) A61B 5/055 (2006.01) H02K 7/06 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC MOTOR ASSEMBLY**
[54] **ENSEMBLE MOTEUR PIEZOELECTRIQUE**
[72] HARTMAN, NICHOLAS GERARD, CA
[72] DIETRICH, JENNIFER MICHELE, CA
[72] BARBERI, ENZO ANTONIO, CA
[72] MILLER, DAVID JOHN MUNRO, CA
[71] MODUS MEDICAL DEVICES INC., CA
[85] 2018-07-13
[86] 2017-01-13 (PCT/CA2017/000006)
[87] (WO2017/120661)
[30] US (62/278,637) 2016-01-14

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01) B82Y 10/00 (2011.01)**
[25] EN
[54] **DECODING-BASED METHOD FOR QUANTUM CIRCUIT OPTIMIZATION**
[54] **PROCEDE BASE SUR UN DECODAGE POUR L'OPTIMISATION D'UN CIRCUIT QUANTIQUE**
[72] MOSCA, MICHELE, CA
[72] AMY, MATTHEW EDWARD JOSEPH, CA
[71] MOSCA, MICHELE, CA
[85] 2018-07-13
[86] 2017-01-25 (PCT/CA2017/050076)
[87] (WO2017/127923)
[30] US (62/287,183) 2016-01-26

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[13] A1
[51] **Int.Cl. G01R 33/58 (2006.01)**
[25] EN
[54] **MRI QUALITY ASSURANCE DEVICE**
[54] **DISPOSITIF D'ASSURANCE DE LA QUALITE POUR IRM**
[72] BARBERI, ENZO ANTONIO, CA
[72] MILLER, DAVID JOHN MUNRO, CA
[71] MODUS MEDICAL DEVICES INC., CA
[85] 2018-07-13
[86] 2017-01-13 (PCT/CA2017/000007)
[87] (WO2017/120662)
[30] US (62/278,595) 2016-01-14

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[13] A1
[51] **Int.Cl. F16J 15/08 (2006.01) F16L 23/18 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR SEALING BETWEEN ATTACHABLE PAIR OF PIPE FLANGES**
[54] **PROCEDE ET DISPOSITIF D'ETANCHEITE ENTRE UNE PAIRE DE BRIDES DE TUYAUX POUVANT ETRE FIXEES**
[72] KAROLIUSSEN, HILBERG INGE, NO
[71] OTECHOS AS, NO
[85] 2018-07-13
[86] 2017-01-17 (PCT/NO2017/000003)
[87] (WO2017/126973)
[30] NO (20160084) 2016-01-19

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[51] **Int.Cl. F21S 10/04 (2006.01) F21K 9/00 (2016.01) F21V 5/04 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **ARTIFICIAL CANDLE WITH FLAME SIMULATOR**
[54] **BOUGIE ARTIFICIELLE MUNIE D'UN SIMULATEUR DE FLAMME**
[72] HURDUC, LUCIAN, CA
[72] MARINIER, CARL, CA
[72] TARDY, PIERRE-MARC, CA
[71] NII NORTHERN INTERNATIONAL INC., CA
[85] 2018-07-13
[86] 2017-01-13 (PCT/IB2017/000079)
[87] (WO2017/122094)
[30] US (62/278,119) 2016-01-13
[30] US (15/405,810) 2017-01-13

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-ROR1 ANTIBODIES, ROR1 X CD3 BISPECIFIC ANTIBODIES, AND METHODS OF USING THE SAME**
[54] **ANTICORPS ANTI-ROR1, ANTICORPS BISPECIFIQUES ROR1 X CD3, ET LEURS PROCEDES D'UTILISATION**
[72] ANDERSON, GLENN MARK, US
[72] ATTAR, RICARDO, US
[72] BALDWIN, ERIC T., US
[72] CARDOSO, ROSA M.F., US
[72] GAUDET, FRANCOIS, US
[72] HARMAN, BENJAMIN, US
[72] LI, YINGZHE, US
[72] LUO, JINQUAN, US
[72] MCDAID, RONAN, US
[72] NEMETH-SEAY, JENNIFER F., US
[72] POMERANTZ, STEVEN C., US
[72] TEPLYAKOV, ALEXEY, US
[72] TAM, SUSAN H., US
[72] WU, SHENG-JIUN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-07-12
[86] 2017-01-19 (PCT/US2017/014058)
[87] (WO2017/127499)
[30] US (62/286,121) 2016-01-22

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[13] A1
[51] **Int.Cl. G01F 23/284 (2006.01) B61D 5/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING COMMODITY VOLUME IN A RAIL TANK CAR**
[54] **DISPOSITIF ET PROCEDE DE MESURE DU VOLUME DE MARCHANDISES DISPOSEES DANS UN WAGON-CITERNE**
[72] STOBART, CHRISTOPHER WILLIAM, CA
[72] FORBES, NICHOLAS ANDREW, CA
[71] TRANSRAIL INNOVATION INC., CA
[85] 2018-07-13
[86] 2017-01-12 (PCT/CA2017/050038)
[87] (WO2017/120675)
[30] US (62/278,223) 2016-01-13

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[13] A1
[51] **Int.Cl. B27M 3/18 (2006.01) A47B 47/00 (2006.01) B27C 5/00 (2006.01) B27D 5/00 (2006.01) B27F 1/02 (2006.01)**
[25] EN
[54] **A METHOD FOR FORMING A PANEL FOR A FURNITURE PRODUCT**
[54] **PROCEDE POUR FORMER UN PANNEAU POUR UN PRODUIT DE MOBILIER**
[72] FRIDLUND, MAGNUS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-07-13
[86] 2017-02-14 (PCT/SE2017/050135)
[87] (WO2017/142459)
[30] SE (1650196-7) 2016-02-15

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **ACIDIC GAS RECOVERY SYSTEM AND RECLAIMING DEVICE TO BE USED IN SAME**
[54] **SYSTEME DE RECUPERATION DE GAZ ACIDE ET DISPOSITIF DE REPRISE A UTILISER DANS CE DERNIER**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2018-07-13
[86] 2016-11-29 (PCT/JP2016/085337)
[87] (WO2017/122443)
[30] JP (2016-005487) 2016-01-14

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **N3,N6-BIS(2-(5-METHOXY-1H-INDOLE-3-YL)ETHYL)-2,6-DIMETHYL-4-(2-NITROPHENYL)PYRIDINE-3,5-DICARBOXAMIDE AND USE THEREOF IN THE FIELD OF NEUROTOXICITY**
[54] **N3,N6-BIS (2- (5-METHOXY-1H-INDOL-3-YL)ETHYL) -2,6-DIMETHYL-4-(2-NITROPHENYLE)PYRIDINE -3,5-DICARBOXAMIDE ET SON UTILISATION DANS LE DOMAINE DE LA NEUROTOXICITE**
[72] HACIMUFTUOGLU, AHMET, TR
[72] ATES, ORHAN, TR
[72] SARACOGLU, NURULLAH, TR
[72] TAGHIZADEHGHALEHJOUGHI, ALI, TR
[72] LAFZI, FARROKH, TR
[71] ATATURK UNIVERSITESI BILIMSEL ARASTIRMA PROJELERI BIRIMI, TR
[71] HACIMUFTUOGLU, AHMET, TR
[71] ATES, ORHAN, TR
[71] SARACOGLU, NURULLAH, TR
[71] TAGHIZADEHGHALEHJOUGHI, ALI, TR
[71] LAFZI, FARROKH, TR
[71] ATATURK UNIVERSITESI BILIMSEL ARASTIRMA PROJELERI BIRIMI, TR
[85] 2018-07-13
[86] 2017-01-26 (PCT/TR2017/050038)
[87] (WO2017/131601)
[30] TR (2016/01023) 2016-01-26

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[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **UNMANNED MARINE VESSEL FOR NODE DEPLOYMENT AND RETRIEVAL**
[54] **NAVIRE SANS EQUIPAGE POUR LE DEPLOIEMENT ET LA RECUPERATION DE N□UDS**
[72] DUDLEY, TIMOTHY A., US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2018-07-12
[86] 2017-01-19 (PCT/US2017/014076)
[87] (WO2017/127507)
[30] US (62/280,659) 2016-01-19

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **MODULAR SPRAY GUN LID ASSEMBLIES AND METHODS OF DESIGN AND USE**
[54] **ENSEMBLES COUVERCLE DE PISTOLET DE PULVERISATION MODULAIRE ET PROCEDES DE CONCEPTION ET D'UTILISATION**
[72] PITERA, DOMINIC M., US
[72] JOSEPH, STEPHEN C.P., US
[72] GULLICKS, SCOTT D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013118)
[87] (WO2017/123707)
[30] US (62/279,300) 2016-01-15

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[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **ACCESS CONTROL BYPASS ON MOBILE FOR MASS TRANSIT**
[54] **DERIVATION DE COMMANDE D'ACCES SUR MOBILE POUR TRANSPORT EN COMMUN**
[72] MADDOCKS, IAN DAVID ALAN, GB
[72] PHILLIPS, SIMON, GB
[72] ANDERSON, JAMES JOHN, US
[72] GARRNET, DUNCAN, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-07-13
[86] 2016-12-16 (PCT/US2016/067240)
[87] (WO2017/123382)
[30] US (62/279,048) 2016-01-15
[30] US (62/306,825) 2016-03-11
[30] US (62/322,319) 2016-04-14
[30] US (62/337,954) 2016-05-18
[30] US (15/334,735) 2016-10-26

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **ANTI-MICROBIAL PROTEINS**
[54] **PROTEINES ANTIMICROBIENNES**
[72] BOYLE, PATRICK, US
[72] CALDWELL, DAVID, US
[72] CHITTOOR, JAISHREE, US
[72] KJEMTRUP, SUSANNE, US
[72] SEGERS, GERRIT, US
[72] HUANG, JINTAI, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-07-12
[86] 2017-01-19 (PCT/US2017/014153)
[87] (WO2017/127558)
[30] US (62/280,597) 2016-01-19

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[51] **Int.Cl. A61B 3/00 (2006.01) G06T 7/62 (2017.01) G06T 7/73 (2017.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING DISTANCE FROM AN OBJECT**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE LA DISTANCE PAR RAPPORT A UN OBJET**
[72] CARRAFA, JOSEPH, US
[72] GOLDBERG, DAVID HOWARD, US
[71] JAND, INC., US
[85] 2018-07-13
[86] 2017-01-10 (PCT/US2017/012804)
[87] (WO2017/123523)
[30] US (14/996,917) 2016-01-15

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER WITH COMBINATIONS OF IMMUNOREGULATORY AGENTS**
[54] **TRAITEMENT DU CANCER AVEC DES COMBINAISONS D'AGENTS IMMUNOREGULATEURS**
[72] WILLINGHAM, STEPHEN, US
[72] HO, DORIS PO YI, US
[72] MCKENNA, KELLY MARIE, US
[72] WEISSMAN, IRVING L., US
[72] VOLKMER, JENS-PETER, US
[72] CHAO, MARK P., US
[72] MAJETI, RAVINDRA, US
[72] MCCRACKEN, MELISSA N., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-07-12
[86] 2017-01-20 (PCT/US2017/014375)
[87] (WO2017/127707)
[30] US (62/281,571) 2016-01-21
[30] US (62/301,981) 2016-03-01

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **CONNECTOR SYSTEM FOR HAND-HELD SPRAY GUNS**
[54] **SYSTEME DE RACCORD POUR PISTOLETS DE PULVERISATION PORTABLES**
[72] EBERTOWSKI, ALEXANDER T., US
[72] HENRY, ANDREW R., GB
[72] JOSEPH, STEPHEN C. P., US
[72] HEGDAHL, ANNA M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013135)
[87] (WO2017/123718)
[30] US (62/279,619) 2016-01-15
[30] US (62/322,492) 2016-04-14

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[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/00 (2006.01) C11D 1/62 (2006.01)**
[25] EN
[54] **TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT**
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] BELANGER, DENISE MALCUIT, US
[72] VETTER, NICHOLAS DAVID, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-12
[86] 2017-01-24 (PCT/US2017/014641)
[87] (WO2017/132100)
[30] US (62/286,620) 2016-01-25

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[13] A1
[51] **Int.Cl. D04B 21/00 (2006.01) A61L 27/48 (2006.01) A61L 27/52 (2006.01) D04B 21/16 (2006.01)**
[25] EN
[54] **WARP-KNITTED FABRIC AND MEDICAL MATERIAL**
[54] **TRICOT CHAINE ET MATERIAU MEDICAL**
[72] NEMOTO, SHINTARO, JP
[72] YAMADA, HIDEAKI, JP
[72] SAKURAI, JUN, JP
[72] KOHNO, KAZUTERU, JP
[72] ITO, MASAYA, JP
[72] ONISHI, ATSUKO, JP
[71] EDUCATIONAL FOUNDATION OF OSAKA MEDICAL AND PHARMACEUTICAL UNIVERSITY, JP
[71] TEIJIN LIMITED, JP
[85] 2018-07-13
[86] 2017-01-13 (PCT/JP2017/001063)
[87] (WO2017/122795)
[30] JP (2016-005593) 2016-01-14
[30] JP (2016-115768) 2016-06-09

[21] **3,011,435**
[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01) B05B 9/08 (2006.01)**
[25] EN
[54] **SPRAY GUN CUPS, RECEPTACLES, AND METHODS OF USE**
[54] **RESERVOIRS DE PISTOLET PULVERISATEUR, RECEPTACLES ET PROCEDES D'UTILISATION**
[72] HEGDAHL, ANNA M., US
[72] JOSEPH, STEPHEN C. P., US
[72] PITERA, DOMINIC M., US
[72] NYARIBO, ERIC O., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013120)
[87] (WO2017/123708)
[30] US (62/279,310) 2016-01-15

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/70 (2006.01) A61K 38/14 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) C07K 9/00 (2006.01)**
[25] EN
[54] **FORMULATIONS OF VANCOMYCIN**
[54] **FORMULATIONS A BASE DE VANCOMYCINE**
[72] PALEPU, NAGESH R., US
[72] BUXTON, PHILIP CHRISTOPHER, GB
[71] SCIDOSE, LLC, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013389)
[87] (WO2017/123912)
[30] US (62/279,210) 2016-01-15

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **SPRAY GUN CUPS, RECEPTACLES, LIDS, AND METHODS OF USE**
[54] **RESERVOIRS DE PISTOLET PULVERISATEUR, RECEPTACLES, COUVERCLES ET PROCEDES D'UTILISATION**
[72] HEGDAHL, ANNA M., US
[72] JOSEPH, STEPHEN C. P., US
[72] ULLAH, SABEEL, GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013121)
[87] (WO2017/123709)
[30] US (62/279,292) 2016-01-15

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[13] A1
[51] **Int.Cl. F16H 21/44 (2006.01) B64C 13/30 (2006.01) B64C 13/42 (2006.01) F16H 1/28 (2006.01) F16H 1/46 (2006.01) B64C 13/34 (2006.01) F16H 37/08 (2006.01)**
[25] EN
[54] **SUMMING AND FAULT TOLERANT ROTARY ACTUATOR ASSEMBLY**
[54] **ENSEMBLE ACTIONNEUR ROTATIF TOLERANT AUX DEFAILLANCES ET A ADDITION**
[72] KOPP, JOHN, US
[71] MOOG INC., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013493)
[87] (WO2017/123987)
[30] US (62/278,242) 2016-01-13

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[13] A1
[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/535 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MAYTANSINOID DERIVATIVES, CONJUGATES THEREOF, AND METHODS OF USE**
[54] **DERIVES DE MAYTANSINOIDE, LEURS CONJUGUES, ET PROCEDES D'UTILISATION**
[72] NITTOLI, THOMAS, US
[72] MARKOTAN, THOMAS P., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-07-12
[86] 2017-01-24 (PCT/US2017/014782)
[87] (WO2017/132173)
[30] US (62/286,858) 2016-01-25

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **WIDE-MOUTHED FLUID CONNECTOR FOR HAND-HELD SPRAY GUNS**
[54] **RACCORD FLUIDIQUE A LARGE EMBOUCHURE POUR PISTOLETS PULVERISATEURS TENUS A LA MAIN**
[72] HEGDAHL, ANNA M., US
[72] JOSEPH, STEPHEN C.P., US
[72] EBERTOWSKI, ALEXANDER T., US
[72] HENRY, ANDREW R., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013127)
[87] (WO2017/123714)
[30] US (62/279,619) 2016-01-15

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4196 (2006.01) A61K 31/437 (2006.01) A61K 31/4985 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **COMPOUNDS ANTAGONIZING A3 ADENOSINE RECEPTOR, METHOD FOR PREPARING THEM, AND MEDICAL-USE THEREOF**
[54] **COMPOSES ANTAGONISTES DU RECEPTEUR A3 DE L'ADENOSINE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION MEDICALE**
[72] LEE, JINHWA, KR
[72] KIM, SEUNGYONG, KR
[72] KIM, DORAN, KR
[72] AHN, KOO HYEON, KR
[72] LEE, GWI BIN, KR
[72] KIM, DOOSEOP, KR
[72] HWANG, HYUN SOOK, KR
[71] HANDOK INC., KR
[85] 2018-07-13
[86] 2017-01-13 (PCT/KR2017/000492)
[87] (WO2017/123058)
[30] US (62/278,897) 2016-01-14

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[13] A1
[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **FILM CASSETTE HAVING AN OVOID-SHAPE**
[54] **RECEPTACLE A FILM AYANT UNE FORME OVOIDE**
[72] CHAKRAVARTHY, SUMANTH, US
[72] CHENVAINU, ALEXANDER, US
[72] MACDONALD, NEIL, US
[72] MURRAY, CHRISTOPHER JOHN, US
[72] SCHIFF, DAVID R., US
[72] ROYEN, DONALD VAN, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015266)
[87] (WO2017/132466)
[30] US (62/288,046) 2016-01-28

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[13] A1
[51] **Int.Cl. G01N 25/20 (2006.01) G01K 17/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **DIFFERENTIAL SCANNING MICROCALORIMETER DEVICE FOR DETECTING DISEASE AND MONITORING THERAPEUTIC EFFICACY**
[54] **DISPOSITIF DE MICROCALORIMETRIE A BALAYAGE DIFFERENTIEL POUR DETECTER UNE MALADIE ET SURVEILLER UNE EFFICACITE THERAPEUTIQUE**
[72] MONASELIDZE, JAMLET, GE
[72] NEMSADZE, GIA, GE
[72] GORGOSHIDZE, MAYA, GE
[71] MONASELIDZE, JAMLET, GE
[71] NEMSADZE, GIA, GE
[71] GORGOSHIDZE, MAYA, GE
[85] 2018-07-13
[86] 2017-01-13 (PCT/IB2017/050197)
[87] (WO2017/122174)
[30] US (62/278,458) 2016-01-14

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[13] A1
[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **COMPACT WASTE DISPOSAL DEVICE AND CASSETTE**
[54] **DISPOSITIF COMPACT D'ELIMINATION DE DECHETS ET CASSETTE**
[72] CHENVAINU, ALEXANDER, US
[72] LEATHERMAN, CHRISTOPHER, US
[72] ROSASCO, ROBERT F., III, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015273)
[87] (WO2017/132470)
[30] US (62/288,055) 2016-01-28

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[13] A1
[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **CASSETTE WITH NON-UNIFORM LINER CAVITY**
[54] **CASSETTE AYANT UNE CAVITE DE CHEMISE NON UNIFORME**
[72] CHENVAINU, ALEXANDER, US
[72] DANSREAU, PAUL, US
[72] MACDONALD, NEIL, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015288)
[87] (WO2017/132478)
[30] US (62/288,069) 2016-01-28

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[13] A1
[51] **Int.Cl. B60R 16/023 (2006.01) B60R 16/03 (2006.01) B62D 21/17 (2006.01) B62D 25/08 (2006.01)**
[25] EN
[54] **STRUCTURAL MODULE ASSEMBLY HAVING OVERMOLDED ELECTRICALLY CONDUCTIVE REINFORCEMENTS**
[54] **ENSEMBLE MODULAIRE STRUCTURAL COMPRENANT DES RENFORCEMENTS ELECTROCONDUCTEURS SURMOULES**
[72] GRGAC, STEVEN, CA
[72] GRELLA, PHILIP, CA
[71] MAGNA EXTERIORS INC., CA
[85] 2018-07-13
[86] 2017-01-16 (PCT/IB2017/050227)
[87] (WO2017/122186)
[30] US (62/278,785) 2016-01-14

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **BUTTON-LOCK FLUID CONNECTOR FOR HAND-HELD SPRAY GUNS**
[54] **RACCORD FLUIDIQUE VERROUILLE PAR BOUTON POUR PISTOLETS PULVERISATEURS TENUS A LA MAIN**
[72] EBERTOWSKI, ALEXANDER T., US
[72] JOSEPH, STEPHEN C. P., US
[72] HEGDAHL, ANNA M., US
[72] HENRY, ANDREW R., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-13
[86] 2017-01-12 (PCT/US2017/013131)
[87] (WO2017/123715)
[30] US (62/279,537) 2016-01-15

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[13] A1
[51] **Int.Cl. A61K 31/16 (2006.01) A61K 31/164 (2006.01) A61K 31/335 (2006.01) C07D 309/04 (2006.01) C07D 309/06 (2006.01) C07K 5/08 (2006.01)**
[25] EN
[54] **USE OF ANTI-AGING GLYCOPROTEIN FOR ENHANCING SURVIVAL OF NEUROSENSORY PRECURSOR CELLS**
[54] **UTILISATION DE GLYCOPROTEINE ANTIVIEILLISSEMENT POUR AMELIORER LA SURVIE DE CELLULES PRECURSEURS NEUROSENSORIELLES**
[72] YOUNG, LACHLAN GRANT, CA
[71] PROTOKINETIX INC., US
[85] 2018-07-13
[86] 2017-01-27 (PCT/IB2017/050444)
[87] (WO2017/130148)
[30] US (62/287,857) 2016-01-27

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[13] A1
[51] **Int.Cl. F04B 53/16 (2006.01)**
[25] EN
[54] **PREVENTING DEFORMATION OF FRAME ON A RECIPROCATING COMPRESSOR**
[54] **PREVENTION DE LA DEFORMATION DE CADRE SUR UN COMPRESSEUR ALTERNATIF**
[72] HERRERA, ROBERT LEE, US
[72] KETKAR, ANIRUDDHA, US
[72] PAMIO, FEDERICO, US
[72] PEARL, KENT, US
[72] RAMAKUMAR, KARTHIK, US
[71] GE OIL & GAS COMPRESSION SYSTEMS, LLC, US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015309)
[87] (WO2017/132492)
[30] US (15/007,284) 2016-01-27

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[13] A1
[51] **Int.Cl. A41D 27/20 (2006.01)**
[25] EN
[54] **SECURITY POCKET**
[54] **POCHE DE SECURITE**
[72] COWAN, CHRISTINE, US
[72] HAMMER, LUKE, US
[71] NIKE INNOVATE C.V., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013331)
[87] (WO2017/123866)
[30] US (62/279,419) 2016-01-15
[30] US (15/384,760) 2016-12-20

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[13] A1
[51] **Int.Cl. H04W 84/10 (2009.01)**
[25] EN
[54] **METHOD FOR PROVIDING A VIRTUAL WI-FI NETWORK WITH SECURE TUNNEL**
[54] **PROCEDE PERMETTANT D'OBTENIR UN RESEAU WI-FI VIRTUEL COMPORTANT UN TUNNEL SECURISE**
[72] GODFREY, TIMOTHY, US
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013347)
[87] (WO2017/123878)
[30] US (62/279,030) 2016-01-15
[30] US (15/381,265) 2016-12-16

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[13] A1
[51] **Int.Cl. E06B 7/23 (2006.01)**
[25] EN
[54] **ADJUSTABLE CORNER PAD AND METHOD OF USE**
[54] **PLAQUE DE COIN REGLABLE ET PROCEDE D'UTILISATION**
[72] KLING, WILLIAM W., US
[71] MASONITE CORPORATION, US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015400)
[87] (WO2017/132544)
[30] US (62/288,541) 2016-01-29

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[13] A1
[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-CD74 ANTIBODY CONJUGATES, COMPOSITIONS COMPRISING ANTI-CD74 ANTIBODY CONJUGATES AND METHODS OF USING ANTI-CD74 ANTIBODY CONJUGATES**
[54] **CONJUGUES D'ANTICORPS ANTI-CD74, COMPOSITIONS COMPRENANT DES CONJUGUES D'ANTICORPS ANTI-CD74 ET METHODES D'UTILISATIONS DESDITS CONJUGUES D'ANTICORPS ANTI-CD74**
[72] STAFFORD, RYAN, US
[72] YAM, ALICE, US
[72] GILL, AVINASH, US
[72] PENTA, KALYANI, US
[72] LI, XIAOFAN, US
[72] SATO, AARON, US
[71] SUTRO BIOPHARMA, INC., US
[85] 2018-07-12
[86] 2017-01-27 (PCT/US2017/015501)
[87] (WO2017/132615)
[30] US (62/287,824) 2016-01-27

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[13] A1
[51] **Int.Cl. B61L 3/00 (2006.01) B61L 15/00 (2006.01)**
[25] EN
[54] **TRAIN BRAKE SAFETY MONITORING AND FAULT ACTION SYSTEM WITH PTC BRAKE PERFORMANCE ASSURANCE**
[54] **SYSTEME DE SURVEILLANCE DE SECURITE ET D'ACTION EN CAS DE DEFAILLANCE POUR FREINAGE DE TRAIN AVEC ASSURANCE DE PERFORMANCE DE FREINAGE DE PTC**
[72] KUMAR, DEEPAK, CA
[72] HORST, FOLKERT, CA
[71] NEW YORK AIR BRAKE LLC, US
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[87] (WO2017/123897)
[30] US (62/279,232) 2016-01-15

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[51] **Int.Cl. C12N 15/11 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
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[54] **EDITION GENOMIQUE POUR TRAITER UN GLIOBLASTOME**
[72] KRICHEVSKY, ANNA M., US
[72] EL-FATIMY, RACHID, US
[72] UHLMANN, ERIK J., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013386)
[87] (WO2017/123910)
[30] US (62/278,732) 2016-01-14

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **RECOMBINANT AAV VECTORS EXPRESSING OSTEOPROTECTIVE GENES, INCLUDING HAS2 AND LUBRICIN, USEFUL IN THE TREATMENT OF OSTEOARTHRITIS AND RELATED JOINT CONDITIONS IN MAMMALS**
[54] **VECTEURS AAV RECOMBINES EXPRIMANT DES GENES OSTEOPROTECTEURS, NOTAMMENT HAS2 ET LUBRICINE, UTILES DANS LE TRAITEMENT DE L'ARTHROSE ET DES PATHOLOGIES ARTICULAIRES CHEZ LES MAMMIFERES**
[72] DIAS FIGUEIREDO, MONICA, US
[72] KYOSTIO-MOORE, SIRKKA RM, US
[72] BERTHELETTE, PATRICIA, US
[71] MERIAL, INC., US
[71] GENZYME CORPORATION, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013419)
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[30] US (62/278,243) 2016-01-13

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[51] **Int.Cl. A61K 39/395 (2006.01) A61N 1/04 (2006.01) C07K 14/52 (2006.01) C07K 14/54 (2006.01)**
[25] EN
[54] **IMMUNOLOGIC TREATMENT OF CANCER**
[54] **IMMUNOTHERAPIE DU CANCER**
[72] ONIK, GARY, US
[72] MIESSAU, JIM, US
[72] BOSTWICK MD, MBA DG, US
[71] RFEMB HOLDINGS, LLC, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013486)
[87] (WO2017/123981)
[30] US (62/279,579) 2016-01-15

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[13] A1
[51] **Int.Cl. B21J 5/00 (2006.01) B23K 15/00 (2006.01) B23K 26/00 (2014.01)**
[25] EN
[54] **METHODS FOR PRODUCING FORGED PRODUCTS AND OTHER WORKED PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS FORGES ET AUTRES PRODUITS FACONNES**
[72] SATOH, GEN, US
[72] MYERS, DANIEL M., US
[72] BODILY, BRANDON H., US
[71] ARCONIC INC., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013504)
[87] (WO2017/123995)
[30] US (62/278,753) 2016-01-14

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[51] **Int.Cl. G07C 5/08 (2006.01) G07C 5/12 (2006.01)**
[25] EN
[54] **PROVIDING OPERATOR FEEDBACK DURING OPERATION OF AN INDUSTRIAL MACHINE**
[54] **FOURNITURE D'UN RETOUR OPERATEUR PENDANT LE FONCTIONNEMENT D'UNE MACHINE INDUSTRIELLE**
[72] DOHENY, TED, US
[72] SCHLEGEL, DANIEL, US
[72] REILAND, MATTHEW J., US
[72] VOELZ, NICHOLAS R., US
[72] KNUTH, JASON, US
[72] REID, ANTHONY, US
[71] JOY GLOBAL SURFACE MINING INC, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013490)
[87] (WO2017/123985)
[30] US (62/278,141) 2016-01-13

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5025 (2006.01)**
[25] EN
[54] **PYRIDAZINE DERIVATIVES AS EAAT2 ACTIVATORS**
[54] **DERIVES DE PYRIDAZINE EN TANT QU'ACTIVATEURS D'EAAT2**
[72] HODGETTS, KEVIN, US
[72] LIN, CHIEN-LIANG GLENN, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] OHIO STATE UNIVERSITY, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013499)
[87] (WO2017/123991)
[30] US (62/279,515) 2016-01-15

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[51] **Int.Cl. G01N 33/53 (2006.01) C07K 1/00 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **TRANSFER RNA LIGAND ADDUCT LIBRARIES**
[54] **BILBIOTHEQUE DES PRODUITS D'ADDITION LIGAND D'ARN DE TRANSFERT**
[72] MURRAY, CHRISTOPHER J., US
[72] SPATOLA, BRADLEY, US
[71] GALEN BIOTECHNOLOGIES, LLC, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013561)
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[30] US (62/279,273) 2016-01-15

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[51] **Int.Cl. A61K 35/00 (2006.01) A61K 35/12 (2015.01) A61K 38/43 (2006.01) A61K 38/44 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **THERAPEUTIC USE OF MITOCHONDRIA AND COMBINED MITOCHONDRIAL AGENTS**
[54] **UTILISATION THERAPEUTIQUE DE MITOCHONDRIES ET D'AGENTS MITOCHONDRIAUX COMBINES**
[72] MCCULLY, JAMES D., US
[72] LEVITSKY, SIDNEY, US
[72] COWAN, DOUGLAS B., US
[72] EMANI, SITARAM M., US
[72] DEL NIDO, PEDRO J., US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013564)
[87] (WO2017/124037)
[30] US (62/279,442) 2016-01-15
[30] US (62/279,489) 2016-01-15
[30] US (62/420,381) 2016-11-10

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[51] **Int.Cl. B60K 28/00 (2006.01) B67D 7/32 (2010.01) B64D 37/30 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **COMPRESSED NATURAL GAS VEHICLE SAFETY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SECURITE POUR VEHICULE A GAZ NATUREL COMPRIME**
[72] MCNICHOLAS, DANIEL, US
[71] MCNICHOLAS, DANIEL, US
[85] 2018-07-13
[86] 2017-01-14 (PCT/US2017/013600)
[87] (WO2017/124051)
[30] US (14/997,502) 2016-01-16
[30] US (15/406,223) 2017-01-13

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[51] **Int.Cl. F16N 37/02 (2006.01) F16C 33/66 (2006.01) F16N 3/00 (2006.01) F16N 3/10 (2006.01) F16N 3/12 (2006.01) F16N 37/00 (2006.01)**
[25] EN
[54] **GREASE GUN CARTRIDGE CONSTRUCTION**
[54] **CONSTRUCTION DE CARTOUCHE DE PISTOLET GRAISSEUR**
[72] SORG, DANIEL MARK, US
[71] GREE-SEE TECHNOLOGY, LLC, US
[85] 2018-07-13
[86] 2017-01-16 (PCT/US2017/013659)
[87] (WO2017/124070)
[30] US (14/997,073) 2016-01-15

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[51] **Int.Cl. A01K 67/027 (2006.01) C12N 15/873 (2010.01) C12N 15/87 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED NON-HUMAN MAMMALS BY MULTI-CYCLE ELECTROPORATION OF CAS9 PROTEIN**
[54] **MAMMIFERES NON HUMAINS GENETIQUEMENT MODIFIES PAR ELECTROPORATION MULTI-CYCLE DE LA PROTEINE CAS9**
[72] WANG, HAOYI, CN
[72] WANG, WEN-BO, US
[71] THE JACKSON LABORATORY, US
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013754)
[87] (WO2017/124086)
[30] US (62/279,023) 2016-01-15

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[51] **Int.Cl. B65B 43/26 (2006.01) B65B 43/30 (2006.01) B65B 43/36 (2006.01)**
[25] EN
[54] **SEAL FLATTENER**
[54] **DISPOSITIF D'APLANISSEMENT DE SCELLEMENT**
[72] SHOOK, DONALD P., US
[72] SOSTER, JARED A., US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013763)
[87] (WO2017/124091)
[30] US (62/278,520) 2016-01-14

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[51] **Int.Cl. B21J 5/00 (2006.01) B23P 15/00 (2006.01) B23K 26/342 (2014.01) B22F 3/105 (2006.01) B23K 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING ADDITIVELY MANUFACTURED PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE FABRICATION ADDITIVE**
[72] SATOH, GEN, US
[72] MYERS, DANIEL M., US
[72] BODILY, BRANDON H., US
[71] ARCONIC INC., US
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013773)
[87] (WO2017/124097)
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[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/232 (2016.01)**
[25] EN
[54] **LED LIGHT BULB**
[54] **AMPOULE A DEL**
[72] JIANG, TAO, CN
[72] LI, LIQIN, CN
[71] JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, CN
[85] 2018-07-13
[86] 2017-04-27 (PCT/CN2017/082278)
[87] (WO2017/186150)
[30] CN (201610272153.0) 2016-04-27
[30] CN (201610281600.9) 2016-04-29
[30] CN (201610394610.3) 2016-06-03
[30] CN (201610544049.2) 2016-07-07
[30] CN (201610586388.7) 2016-07-22
[30] CN (201610936171.4) 2016-11-01
[30] CN (201611108722.4) 2016-12-06
[30] CN (201710024877.8) 2017-01-13
[30] CN (201710079423.0) 2017-02-14
[30] CN (201710138009.2) 2017-03-09
[30] CN (201710180574.5) 2017-03-23
[30] CN (201710234618.8) 2017-04-11

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[51] **Int.Cl. A01K 67/027 (2006.01)**
[25] EN
[54] **INHIBITORS OF ALPHA-TUBULIN ACETYLATION FOR THE TREATMENT OF PAIN**
[54] **INHIBITEURS D'ACETYLATION DE L'ALPHA-TUBULINE POUR LE TRAITEMENT DE LA DOULEUR**
[72] HEPPENSTALL, PAUL, IT
[72] MORLEY, SHANE, IT
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[85] 2018-07-13
[86] 2016-12-28 (PCT/EP2016/082765)
[87] (WO2017/121621)
[30] EP (16151345.2) 2016-01-14

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[51] **Int.Cl. C01F 5/10 (2006.01) C01B 7/03 (2006.01) C01F 5/30 (2006.01) C07C 51/02 (2006.01)**
[25] EN
[54] **IMPROVED METHOD FOR PROCESSING MAGNESIUM CHLORIDE SOLUTIONS AND METHOD FOR MANUFACTURING CARBOXYLIC ACIDS**
[54] **PROCEDE AMELIORE DE TRAITEMENT DE SOLUTIONS DE CHLORURE DE MAGNESIUM ET PROCEDE DE FABRICATION D'ACIDES CARBOXYLIQUES**
[72] DE VRIES, JOHANNES JEICHIENUS, NL
[72] FREDIANSYAH, RAYMON, NL
[71] PURAC BIOCHEM BV, NL
[85] 2018-07-13
[86] 2017-01-19 (PCT/EP2017/051087)
[87] (WO2017/125496)
[30] EP (16151922.8) 2016-01-19

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[51] **Int.Cl. H01R 13/6463 (2011.01) H01R 24/86 (2011.01) H01R 4/26 (2006.01) H01R 43/00 (2006.01)**
[25] EN
[54] **COMPENSATING CONNECTOR SYSTEM**
[54] **SYSTEME CONNECTEUR DE COMPENSATION**
[72] SIEV, VIRAK, CA
[72] BEAUREGARD, FRANCOIS, CA
[72] BODZAY, MICHAEL, CA
[72] MILETTE, LUC, CA
[72] PILON, VINCENT, CA
[72] PLAMONDON, JEAN-SEBASTIEN, CA
[71] BELDEN CANADA INC., CA
[85] 2018-07-13
[86] 2017-01-26 (PCT/CA2017/050079)
[87] (WO2017/127926)
[30] US (62/287,205) 2016-01-26

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[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/30 (2016.01) B29C 70/34 (2006.01) B29C 70/88 (2006.01)**
[25] EN
[54] **SPAR CAP AND PRODUCTION METHOD**
[54] **BRIDE DE LONGERON ET SON PROCEDE DE FABRICATION**
[72] RUBNER, FLORIAN, DE
[72] VINKE, DANIEL, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-07-13
[86] 2017-01-26 (PCT/EP2017/051663)
[87] (WO2017/129686)
[30] DE (10 2016 101 663.2) 2016-01-29
[30] DE (10 2016 219 873.4) 2016-10-12

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[51] **Int.Cl. C02F 1/44 (2006.01) A23L 2/54 (2006.01) C02F 1/68 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **INSTALLATION FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE**
[54] **INSTALLATION POUR LA PREPARATION D'UNE SOLUTION AQUEUSE COMPRENANT AU MOINS UN CARBONATE D'HYDROGENE ALCALINO-TERREUX**
[72] NELSON, NICHOLAS CHARLES, CH
[72] RIEPL, HERBERT, AT
[72] KREUGER, WOLFGANG, AT
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-07-13
[86] 2017-02-03 (PCT/EP2017/052439)
[87] (WO2017/134254)
[30] EP (16154570.2) 2016-02-05
[30] US (62/294,572) 2016-02-12

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[51] **Int.Cl. B32B 17/06 (2006.01) B60Q 3/10 (2017.01) B32B 17/10 (2006.01) F21V 8/00 (2006.01) F21V 33/00 (2006.01) G02B 6/00 (2006.01)**
[25] EN
[54] **ILLUMINABLE COMPOSITE PANE**
[54] **VITRE EN VERRE FEUILLETE ECLAIRABLE**
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-07-13
[86] 2017-03-06 (PCT/EP2017/055180)
[87] (WO2017/153330)
[30] EP (16159456.9) 2016-03-09
[30] EP (16159469.2) 2016-03-09

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[51] **Int.Cl. B32B 17/06 (2006.01) B60Q 3/10 (2017.01) B32B 17/10 (2006.01) F21V 8/00 (2006.01) F21V 33/00 (2006.01) G02B 6/00 (2006.01)**
[25] EN
[54] **ILLUMINABLE COMPOSITE PANE**
[54] **VITRE EN VERRE FEUILLETE ECLAIRABLE**
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-07-13
[86] 2017-03-06 (PCT/EP2017/055181)
[87] (WO2017/153331)
[30] EP (16159469.2) 2016-03-09
[30] EP (16159456.9) 2016-03-09

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[51] **Int.Cl. B22C 9/10 (2006.01)**
[25] FR
[54] **REFRACTORY CORE COMPRISING A MAIN BODY AND A SHELL**
[54] **NOYAU REFRACTAIRE COMPRENANT UN CORPS PRINCIPAL ET UNE COQUE**
[72] GRANGE, DAVID, FR
[72] NIANE, NGADIA TAHA, FR
[71] SAFRAN, FR
[85] 2018-07-12
[86] 2017-01-13 (PCT/FR2017/050082)
[87] (WO2017/121972)
[30] FR (1650332) 2016-01-15

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[51] **Int.Cl. C08F 2/44 (2006.01) B82Y 30/00 (2011.01) C08F 12/08 (2006.01) C08J 9/00 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING GRAPHENE AND GRAPHENE NANOPLATELETS AND PREPARATION PROCESS THEREOF**
[54] **COMPOSITION COMPRENANT DU GRAPHENE ET DES NANOPLAQUETTES DE GRAPHENE ET SON PROCEDE DE PREPARATION**
[72] FELISARI, RICCARDO, IT
[72] AUTIERI, VIVIANA, IT
[71] VERSALIS S.P.A., IT
[85] 2018-07-13
[86] 2017-01-26 (PCT/IB2017/050420)
[87] (WO2017/130136)
[30] IT (102016000008311) 2016-01-27

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[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-TNFALPHA-ANTIBODIES AND FUNCTIONAL FRAGMENTS THEREOF**
[54] **ANTICORPS ANTI-TNF? ET FRAGMENTS FONCTIONNELS CORRESPONDANTS**
[72] GUNDE, TEA, CH
[72] MEYER, SEBASTIAN, CH
[71] NUMAB INNOVATION AG, CH
[85] 2018-07-13
[86] 2017-03-16 (PCT/EP2017/056218)
[87] (WO2017/158079)
[30] EP (16160936.7) 2016-03-17

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[51] **Int.Cl. F02M 35/02 (2006.01) B01D 45/12 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01) B01D 50/00 (2006.01) F02B 63/00 (2006.01) F02M 35/022 (2006.01) F02M 35/024 (2006.01) F02M 35/04 (2006.01) F02M 35/08 (2006.01)**
[25] EN
[54] **AIR CLEANER**
[54] **FILTRE A AIR**
[72] GOMIBUCHI, SHOTA, JP
[72] YAMAZAKI, WATARU, JP
[72] TAKAHASHI, HIROTO, JP
[72] NAKANO, KOSAKU, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-07-13
[86] 2017-01-06 (PCT/JP2017/000338)
[87] (WO2017/130665)
[30] JP (2016-011709) 2016-01-25

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-TNF.ALPHA.-ANTIBODIES AND FUNCTIONAL FRAGMENTS THEREOF**
[54] **ANTICORPS ANTI-TNF.ALPHA. ET FRAGMENTS FONCTIONNELS DE CEUX-CI**
[72] GUNDE, TEA, CH
[72] MEYER, SEBASTIAN, CH
[71] NUMAB INNOVATION AG, CH
[85] 2018-07-13
[86] 2017-03-16 (PCT/EP2017/056227)
[87] (WO2017/158084)
[30] EP (16160923.5) 2016-03-17

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[13] A1
[51] **Int.Cl. H02J 7/02 (2016.01) H01M 10/44 (2006.01) H01M 10/48 (2006.01) H02J 7/04 (2006.01)**
[25] EN
[54] **CHARGING CIRCUIT**
[54] **CIRCUIT DE CHARGE**
[72] MIZOGUCHI, YASUNARI, JP
[72] TAKENO, KAZUTA, JP
[72] SEKIGUCHI, KUNIHISA, JP
[72] KITAMURA, KENJI, JP
[72] KANO, TAKASHI, JP
[71] FDK CORPORATION, JP
[85] 2018-07-13
[86] 2017-01-27 (PCT/JP2017/002956)
[87] (WO2017/131164)
[30] JP (2016-013397) 2016-01-27

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[51] **Int.Cl. G01C 21/16 (2006.01) G01C 25/00 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR MAINTAINING THE ATTITUDE OF A CARRIER USING GYROSCOPES**
[54] **DISPOSITIF ET PROCEDE D'ENTRETIEN D'ATTITUDE D'UN PORTEUR UTILISANT DES GYROMETRES**
[72] BUDIN, JOEL, FR
[72] PINTURAUD, ARNAUD, FR
[72] WOISELLE, ARNAUD, FR
[72] PONSSARD, CLEMENT, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2018-07-13
[86] 2017-01-16 (PCT/EP2017/050832)
[87] (WO2017/121904)
[30] FR (1650288) 2016-01-14

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[51] **Int.Cl. A01K 67/033 (2006.01) A01G 13/00 (2006.01) A01N 63/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR RELEASING BENEFICIAL MITES AND USES THEREOF**
[54] **SYSTEME POUR LIBERER DES MITES UTILES ET SES UTILISATIONS**
[72] GROOT, THOMAS VOLKERT MARIE, NL
[72] OUDE LENFERINK, KIRSTEN EVA ELISABETH, NL
[72] VAN HOUTEN, YVONNE MARIA, NL
[72] VAN BAAL, ADELMAR EMMANUEL, NL
[72] HOOGERBRUGGE, HANS, NL
[71] KOPPERT B.V., NL
[85] 2018-07-13
[86] 2017-01-16 (PCT/NL2017/050022)
[87] (WO2017/123094)
[30] NL (2016103) 2016-01-15

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[51] **Int.Cl. A61N 1/00 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01) A61N 1/372 (2006.01) A61N 1/375 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PATIENT-ENABLED BLADDER CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE VESSIE PAR ACTIVATION DU PATIENT**
[72] IMRAN, MIR, US
[71] INCUBE LABS, LLC, US
[85] 2018-07-13
[86] 2017-01-19 (PCT/US2017/014195)
[87] (WO2017/127582)
[30] US (62/280,639) 2016-01-19

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[54] **MEDICAL METERING DEVICE**
[54] **DISPOSITIF DE DOSAGE MEDICAL**
[72] WU, HAIMING, US
[71] BIOGEN MA INC., US
[85] 2018-07-13
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[54] **PIVOTING LIFTING RING FOR LIFTING LOADS**
[54] **ANNEAU DE LEVAGE PIVOTANT POUR LE LEVAGE DE CHARGES**
[72] LOSANGE, CHRISTOPHE, BE
[71] INTELPROP S.A., LU
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[25] EN
[54] **STERILE SOLUTION PRODUCT BAG**
[54] **SAC DE PRODUIT POUR SOLUTIONS STERILES**
[72] BOMGAARS, GRANT ANTHONY, US
[72] KRAUSE, BERND, DE
[72] PASMORE, MARK EDWARD, US
[72] SADOWSKI, MICHAEL JOSEPH, US
[72] DING, YUANPANG SAMUEL, US
[72] LO, YING-CHENG, US
[72] RANALLETTA, JOSEPH VINCENT, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2018-07-13
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[54] **SYSTEMS AND METHODS FOR OBJECT ANALYSIS AND EXPLORATION ON SOCIAL NETWORKS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE ET D'EXPLORATION D'OBJETS SUR DES RESEAUX SOCIAUX**
[72] LIN, HUI-LUNG, CN
[71] CARNEGI X INC., TW
[85] 2018-07-13
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[25] EN
[54] **METHOD AND MACHINE FOR PRODUCING STERILE SOLUTION PRODUCT BAGS**
[54] **PROCEDE ET MACHINE DE PRODUCTION DE SACS A PRODUIT POUR SOLUTION STERILE**
[72] BOMGAARS, GRANT ANTHONY, US
[72] RANALLETTA, JOSEPH VINCENT, US
[72] DING, YUANPANG SAMUEL, US
[72] LO, YING-CHENG, US
[72] PASMORE, MARK EDWARD, US
[72] SADOWSKI, MICHAEL JOSEPH, US
[72] HRISTAKOS, ANASTASIOS, US
[72] DUDAR, THOMAS EDWARD, US
[72] KRAUSE, BERND, DE
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[85] 2018-07-13
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[25] FR
[54] **STATOR FOR AN AXIAL FLOW MACHINE WITH A STATOR RING COMPOSED OF MODULES**
[54] **STATOR POUR MACHINE ELECTROMAGNETIQUE A FLUX AXIAL AVEC DES PORTIONS UNITAIRES FORMANT UNE COURONNE DU STATOR**
[72] MIHAILA, VASILE, FR
[72] SAVIN, SERGHEI, FR
[72] TIEGNA, HUGUETTE, FR
[72] PLOIX, VINCENT, FR
[72] RAVAUD, ROMAIN, FR
[71] WHYLOT SAS, FR
[85] 2018-07-13
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[25] EN
[54] **COMPENSATED TOP DRIVE UNIT AND ELEVATOR LINKS**
[54] **UNITE D'ENTRAINEMENT SUPERIEURE ET BRAS D'ELEVATEUR**
[72] THIEMANN, BJOERN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-07-13
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[54] **DISPOSABLE SHEATH FOR ULTRASOUND PROBE MOUNTED ON REUSABLE NEEDLE STRUCTURE**
[54] **GAINE JETABLE DESTINEE A UNE SONDE A ULTRASONS MONTEE SUR UNE STRUCTURE D'AIGUILLE REUTILISABLE**
[72] PLACEK, BRIAN, US
[71] GYNESONICS, INC., US
[85] 2018-07-13
[86] 2017-01-24 (PCT/US2017/014753)
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[25] EN
[54] **CLAY STABILIZING AGENTS AND METHODS OF USE**
[54] **AGENTS DE STABILISATION D'ARGILE ET PROCEDES D'UTILISATION**
[72] JUNG, CHANG MIN, US
[72] SHEN, LINGJUAN, US
[72] ZHOU, JIAN, US
[72] QU, QI, US
[71] RHODIA OPERATIONS, FR
[85] 2018-07-13
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES POUR LUTTER CONTRE LES INSECTES RAVAGEURS**
[72] BEATTIE, JODI, US
[72] CRAWFORD, MICHAEL JOHN, US
[72] EADS, BRIAN DONOVAN, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-07-13
[86] 2017-01-26 (PCT/US2017/015061)
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[54] **DATA TRANSMISSION METHOD AND APPARATUS IN WLAN**
[54] **APPAREIL ET METHODE DE TRANSMISSION DE DONNEES DANS UN RESEAU LOCAL SANS FIL**
[72] ZHANG, JIAYIN, CN
[72] MA, CHIXIANG, CN
[72] LUO, JUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-07-16
[86] 2017-01-16 (PCT/CN2017/071258)
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[30] US (62/278,437) 2016-01-14
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[51] **Int.Cl. A61B 17/42 (2006.01) A61B 17/44 (2006.01)**
[25] EN
[54] **UTERINE MANIPULATOR ARRANGEMENT**
[54] **DISPOSITIF FORMANT MANIPULATEUR UTERIN**
[72] SONODA, YUKIO, US
[72] BOOTH, PAUL, US
[72] MASSUCCI, JON, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING QUINOLINE DERIVATIVE OR SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE DE QUINOLEINE OU UN SEL DE CELUI-CI**
[72] LU, YUN, CN
[72] ZHANG, XINHUA, CN
[72] WANG, CHENYANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-07-16
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[54] **POLYMER GEL PRODUCTS WITH PHYSIOLOGICAL AND BIOMECHANICAL BENEFITS AND/OR MONITORING**
[54] **PRODUITS DE GEL DE POLYMERE AVEC SURVEILLANCE ET/OU BIENFAITS PHYSIOLOGIQUES ET BIOMECANIQUES**
[72] DAVIDSON, PETER L., CA
[72] MACMILLAN, ROBERT L., CA
[72] EDWARDS, KRISTOPHER JAMES, CA
[72] HOLMES, MICHAEL W.R., CA
[72] THOMSON, JASON R., CA
[72] LIBBEY, ROSS, CA
[71] HEXYOO SCIENTIFIC INC., CA
[85] 2018-07-16
[86] 2017-01-17 (PCT/CA2017/050051)
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[25] EN
[54] **TRABECTEDIN-INCLUSIVE INJECTABLE PHARMACEUTICAL COMPOSITION FOR GASTROINTESTINAL EXTERNAL USE AND METHOD FOR MANUFACTURING THE SAME**
[54] **COMPOSITION PHARMACEUTIQUE INJECTABLE COMPRENANT DE LA TRABECTEDINE ET DESTINEE A UN USAGE EXTERNE AU NIVEAU GASTRO-INTESTINAL, ET PROCEDE DE FABRICATION DE CETTE DERNIERE**
[72] WANG, LIKUN, CN
[72] SUN, QIONG, CN
[72] XU, CHEN, CN
[72] YIN, RONG, CN
[72] LIU, KAI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-07-16
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[54] **CYCLIC DINUCLEOTIDES FOR TREATING CONDITIONS ASSOCIATED WITH STING ACTIVITY SUCH AS CANCER**
[54] **DINUCLEOTIDES CYCLIQUES POUR TRAITER DES AFFECTIONS ASSOCIEES A L'ACTIVITE STING COMME LE CANCER**
[72] GLICK, GARY, US
[72] GHOSH, SHOMIR, US
[72] OLHAVA, EDWARD JAMES, US
[72] ROUSH, WILLIAM R., US
[72] JONES, ROGER, US
[71] INNATE TUMOR IMMUNITY, INC., US
[85] 2018-07-05
[86] 2017-01-11 (PCT/US2017/013066)
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[30] US (62/277,273) 2016-01-11
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE ACTIVATION OF GAMMA-DELTA T-CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR L'ACTIVATION DE LYMPHOCYTES T GAMMA-DELTA**
[72] PAUZA, CHARLES DAVID, US
[72] HAISHAN, LI, US
[72] LAHUSEN, TYLER, US
[72] LIOU, MEI-LING, US
[71] AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC., US
[85] 2018-07-13
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[25] EN
[54] **PRISM-ENHANCED LENSES AND METHODS OF USING PRISM-ENHANCED LENSES**
[54] **LENTILLES AMELIOREES PAR PRISME ET PROCEDES D'UTILISATION DE LENTILLES AMELIOREES PAR PRISME**
[72] VAN HEUGTEN, ANTHONY, US
[72] MILTON, HARRY, US
[71] E-VISION SMART OPTICS, INC., US
[85] 2018-07-13
[86] 2017-01-31 (PCT/US2017/015750)
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[30] US (62/289,512) 2016-02-01
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[54] **ENDOCELLULASES AND USES THEREOF**
[54] **ENDOCELLULASES ET UTILISATIONS CORRESPONDANTES**
[72] PEREZ-JIMENEZ, RAUL, ES
[71] CIC NANOGUNE - ASOCIACION CENTRO DE INVESTIGACION COOPERATIVA EN NANOCIENCIAS, ES
[85] 2018-07-16
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[25] EN
[54] **MULTISPECIFIC IMMUNOMODULATORY ANTIGEN-BINDING CONSTRUCTS**
[54] **CONSTRUCTIONS DE LIAISON A L'ANTIGENE IMMUNOMODULATEUR MULTISPECIFIQUE**
[72] SABZEVARI, HELEN, US
[72] SCHUETZ, THOMAS JOSEPH, US
[72] BOBROWICZ, PIOTR, US
[72] SCHMIDT, MICHAEL MARCH, US
[72] TIGHE, ROBERT V., III, US
[72] METENOU, SIMON, US
[71] COMPASS THERAPEUTICS LLC, US
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013512)
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[30] US (62/278,359) 2016-01-13
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[25] EN
[54] **ADAMANTANE DERIVATIVES FOR THE TREATMENT OF FILOVIRUS INFECTION**
[54] **DERIVES D'ADAMATANE POUR LE TRAITEMENT D'UNE INFECTION A FILOVIRUS**
[72] PLEWE, MICHAEL, US
[72] BROWN, ERIC, US
[72] GANTLA, VIDYASAGAR, US
[72] HENKEL, GREGORY, US
[72] MCCORMACK, KENNETH, US
[72] SOKOLOVA, NADEZDA, US
[71] ARISAN THERAPEUTICS, US
[85] 2018-07-13
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[54] **CARBONACEOUS MATERIALS AND METHODS OF USE THEREOF**
[54] **MATIERES CARBONEES ET LEURS PROCEDES D'UTILISATION**
[72] GULAS, MICHAL, CH
[72] SPAHR, MICHAEL, CH
[72] LANZ, PATRICK, CH
[72] ULMANN, PIRMIN, CH
[72] MORIOKA, HIROYUKI, JP
[72] TAKI, HIROYUKI, JP
[72] NISHIKAWA, MIKA, JP
[72] TAKIZAWA, KANAKO, JP
[72] WATANABE, HIROMASA, JP
[71] IMERYS GRAPHITE & CARBON SWITZERLAND LTD., CH
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[54] **HEATABLE GARMENT, FABRICS FOR SUCH GARMENTS, AND METHODS OF MANUFACTURE**
[54] **VETEMENT POUVANT ETRE CHAUFFE, TISSUS POUR DE TELS VETEMENTS, ET PROCEDES DE FABRICATION**
[72] DEGANELLO, DAVIDE, GB
[72] MOUHAMAD, YOUMNA, GB
[72] CLAYPOLE, ANDREW, GB
[71] HAYDALE GRAPHENE INDUSTRIES PLC, GB
[85] 2018-07-16
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[30] GB (1601370.8) 2016-01-26

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[25] EN
[54] **FILTERS FOR ADJUSTABLE SPEED DRIVES WITH LOW DC BUS CAPACITANCE AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **FILTRES POUR VARIATEURS DE VITESSE A FAIBLE CAPACITE DE BUS C.C. ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] SHUDAREK, TODD, US
[72] LUU, TIN, US
[71] MTE CORPORATION, US
[85] 2018-07-13
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[30] US (62/279,330) 2016-01-15
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[54] **METHOD FOR MEASURING FLOW FEATURES IN AN INHALER, INHALER AND SYSTEM**
[54] **PROCEDE DE MESURE DES CARACTERISTIQUES D'UN FLUX DANS UN INHALATEUR, INHALATEUR ET SYSTEME**
[72] ZIEGLER, DOMINIK, CH
[72] PAVKOV, RICHARD, US
[71] NOVARTIS AG, CH
[85] 2018-07-16
[86] 2017-01-23 (PCT/EP2017/051323)
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[25] EN
[54] **PRODUCT SLICER**
[54] **TRANCHEUSE**
[72] MCGUFFIN-NOLL, DOUGLAS, US
[72] DIERAUER, PETER, US
[71] GLOBE FOOD EQUIPMENT COMPANY, US
[85] 2018-07-13
[86] 2017-01-31 (PCT/US2017/015752)
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[30] US (15/042,172) 2016-02-12
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[54] **FORET CHIRURGICAL**
[72] FELDMANN, ARNE NIKLAS, CH
[72] WEBER, STEFAN, CH
[72] ZYSSET, PHILIPPE KURT, CH
[71] UNIVERSITAT BERN, CH
[85] 2018-07-16
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[54] **CREAMER COMPOSITION**
[54] **COMPOSITION DE COLORANT A CAFE**
[72] LESER, MARTIN, CH
[72] STUDER, MARIANNE, CH
[72] PIPE, CHRISTOPHER JAMES, CH
[72] LORET, CHRYSTEL, CH
[72] REH, CHRISTOPH, CH
[72] WAKSMAN, LUCILE, CH
[72] HEINE, MANUEL, CH
[72] FRIES, LENNART, CH
[71] NESTEC S.A., CH
[85] 2018-07-16
[86] 2017-02-03 (PCT/EP2017/052438)
[87] (WO2017/134253)
[30] EP (16154267.5) 2016-02-04

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/08 (2006.01) C07K 16/24 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **INHIBITION OF ALLERGIC REACTION USING AN IL-33 INHIBITOR**
[54] **INHIBITION DE REACTION ALLERGIQUE A L'AIDE D'UN INHIBITEUR D'IL-33**
[72] LONDEI, MARCO, US
[71] ANAPTYSBIO, INC., US
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013818)
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[30] US (62/278,671) 2016-01-14

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[54] **BENZOPYRAZOLE COMPOUNDS AND ANALOGUES THEREOF**
[54] **COMPOSES BENZOPYRAZOLE ET ANALOGUES DE CEUX-CI**
[72] KOTIAN, PRAVIN L., US
[72] BABU, YARLAGADDA S., US
[72] ZHANG, WEIHE, US
[72] VOGETI, LAKSHMINARAYANA, US
[72] WU, MINWAN, US
[72] CHINTAREDDY, VENKAT R., US
[72] RAMAN, KRISHNAN, US
[71] BIOCRYST PHARMACEUTICALS, INC., US
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[54] **ANALYTE MEASUREMENT SYSTEM AND INITIALIZATION METHOD**
[54] **SYSTEME DE MESURE D'ANALYTE ET PROCEDE D'INITIALISATION**
[72] WIEDER, HERBERT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-16
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[54] **CONSUMABLE ITEM ORDERING SYSTEM**
[54] **SYSTEME DE COMMANDE D'ARTICLE UTILISABLE**
[72] PUTCHA, SIA PHANEENDRA SRI HARSHA VISWANATH, US
[72] HIGH, DONALD, US
[71] WALMART APOLLO, LLC, US
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[25] EN
[54] **TOOL WITH PROPELLANT SECTIONS**
[54] **OUTIL A SECTIONS DE GAZ PROPULSEUR**
[72] MAHJOUB, NADIR, GB
[72] OAG, JAMIE, GB
[72] YOUNGER, RAE, GB
[72] JOHNSTON, SIDNEY DANTUMA, GB
[71] SPEX CORPORATE HOLDINGS LTD, GB
[85] 2018-07-16
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[54] **FORESTRY WINCH SYSTEM**
[54] **SYSTEME DE TREUIL FORESTIER**
[72] SIMULA, GLEN RAYMOND, US
[72] MCKINSTRY, DAVID JON, US
[71] GSE TECHNOLOGIES, LLC, US
[85] 2018-07-13
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[54] **MAGNETICALLY ACTUATED SWITCH**
[54] **COMMUTATEUR A COMMANDE MAGNETIQUE**
[72] BERGUM, ALAN J., US
[71] S.J. ELECTRO SYSTEMS, INC., US
[85] 2018-07-13
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[54] **CUVE SOUS PRESSION A CALOTTES RENFORCEES**
[72] BAUMER, THOMAS, DE
[71] ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND, DE
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[54] **SYSTEMS AND METHODS TO PROVIDE PRESSED AND AGGREGATE FILLED CONCAVITIES FOR IMPROVING GROUND STIFFNESS AND UNIFORMITY**
[54] **SYSTEMES ET PROCEDES D'OBTENTION DE CONCAVITES COMPRIMEES ET REMPLIES D'AGREGAT EN VUE D'AMELIORER LA RIGIDITE ET L'UNIFORMITE DU SOL**
[72] WHITE, DAVID J., US
[71] INGIOS GEOTECHNICS, INC., US
[85] 2018-07-13
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[54] **CAPSULE DE BOISSON**
[72] HEYDEL, CHRISTOPHE SEBASTIEN PAUL, CH
[71] NESTEC S.A., CH
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[54] **3D PRINTED TOOL WITH INTEGRAL STRESS CONCENTRATION ZONE**
[54] **OUTIL IMPRIME EN 3D AVEC ZONE DE CONCENTRATION DE CONTRAINTES D'UN SEUL TENANT**
[72] VICK, JAMES DAN, JR., US
[72] PASSMORE, KEVIN ROBIN, US
[72] NG, SHAUN WEN JIE, SG
[72] RADEMAKER, ROBERT ARTHUR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **PANELS COMPRISING A MECHANICAL LOCKING DEVICE AND AN ASSEMBLED PRODUCT COMPRISING THE PANELS**
[54] **PANNEAUX COMPRENANT UN DISPOSITIF DE VERROUILLAGE MECANIQUE ET PRODUIT ASSEMBLE COMPORTANT LES PANNEAUX**
[72] BOO, CHRISTIAN, SE
[72] DERELOV, PETER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-07-16
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[54] **MODULAR SYSTEMS AND METHODS FOR DEVELOPING GAS FIELDS**
[54] **SYSTEMES MODULAIRES ET DES PROCEDES PERMETTANT DE DEVELOPPER DES CHAMPS DE GAZ NATUREL**
[72] MOGOSE, STEPHEN GEORGE, US
[72] ANDREWS, PAUL, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **APPARATUS FOR THERMAL TREATMENT OF ORGANIC WASTE**
[54] **APPAREIL DE TRAITEMENT THERMIQUE DE DECHETS ORGANIQUES**
[72] MARDIKIAN, ALBERT, US
[71] MARDIKIAN, ALBERT, US
[85] 2018-07-16
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[54] **ORAL CHOLESTYRAMINE FORMULATION AND USE THEREOF**
[54] **FORMULATION ORALE DE CHOLESTYRAMINE ET UTILISATION ASSOCIEE**
[72] GILLBERG, PER-GORAN, SE
[72] GUSTAFSSON, NILS OVE, SE
[72] LINDBERG, NILS-OLOF, SE
[72] ELVERSSON, JESSICA, SE
[71] ALBIREO AB, SE
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[54] **INTERLOCKING GLADHANDS**
[54] **TETES D'ACCOUPLEMENT A INTERVERROUILLAGE**
[72] AIKEN, JEFFREY, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2018-07-16
[86] 2016-09-30 (PCT/US2016/054762)
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[25] EN
[54] **EFFICIENT MATTRESS HAVING LOW PRESSURE AND ALIGNMENT**
[54] **MATELAS EFFICACE A FAIBLE PRESSION ET ALIGNEMENT**
[72] SRAMEK, ROGER ANTON, US
[71] LEVEL SLEEP LLC, US
[85] 2018-07-16
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[54] **PROCESS FOR PRODUCING A CREAMER**
[54] **PROCEDE DE PRODUCTION D'UN COLORANT A CAFE**
[72] FRIES, LENNART, CH
[72] REH, CHRISTOPH, CH
[72] WAKSMAN, LUCILE, CH
[72] PIPE, CHRISTOPHER JAMES, CH
[72] LESER, MARTIN, CH
[72] LORET, CHRYSTEL, CH
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[25] EN
[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR THE PIII ANTIGEN OF HUMAN ADENOVIRUS (ADV), PRODUCED AND SECRETED BY CELL HYBRIDOMAS, USEFUL FOR DETECTION AND DIAGNOSIS OF ADV INFECTION**
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES DE L'ANTIGENE PIII D'ADENOVIRUS HUMAIN (ADV), PRODUITS ET SECRETES PAR DES HYBRIDOMES CELLULAIRES, UTILES POUR LA DETECTION ET LE DIAGNOSTIC DE L'INFECTION CAUSEE PAR L'ADV**
[72] BUENO RAMIREZ, SUSAN MARCELA, CL
[72] KALERGIS PARRA, ALEXIS MIKES, CL
[72] MORA ALARCON, JORGE EUGENIO, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[85] 2018-07-16
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[54] **PLUNGER CLAMP FOR FLUID END**
[54] **COLLIER DE SERRAGE DE PISTON POUR EXTREMITE FLUIDIQUE**
[72] FREED, WESLEY, US
[72] CHUNN, AUSTIN, US
[71] FORUM US, INC., US
[85] 2018-07-16
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[54] **APPARATUS FOR PRESSING AND DEHYDRATING OF WASTE**
[54] **APPAREIL DE COMPRESSION ET DESHYDRATATION DE DECHETS**
[72] MARDIKIAN, ALBERT, US
[71] MARDIKIAN, ALBERT, US
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[54] **PLUNGER CLAMP FOR FLUID END**
[54] **PINCE DE PLONGEUR POUR EXTREMITE FLUIDIQUE**
[72] FREED, WESLEY, US
[72] CHUNN, AUSTIN, US
[72] TIPTON, CHASE, US
[71] FORUM US, INC., US
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[86] 2016-12-14 (PCT/US2016/066616)
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[54] **SOUS-VETEMENT POUR ENFANTS**
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[71] COLPHARMA S.R.L., IT
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[54] **SILENCIEUX**
[72] HIGASHINO, TSUNEYUKI, JP
[72] KAINUMA, KATSUHIKO, JP
[72] MIURA, TAKEHIRO, JP
[72] TOICHI, SHINNOSUKE, JP
[72] TAWADA, HAYATO, JP
[71] FUTABA INDUSTRIAL CO., LTD., JP
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[54] **SIGNAL DETECTION APPARATUS, METHOD, AND APPLICATIONS**
[54] **APPAREIL DE DETECTION DE SIGNAL, PROCEDE ET APPLICATIONS**
[72] LARDIN, CLIFFORD A., US
[72] DESAI, SHAHYAAN, US
[71] MEZMERIZ INC., US
[85] 2018-07-16
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[54] **CAPACITIVE SENSING FOR AUTOMATED FURNITURE**
[54] **DETECTION CAPACITIVE POUR MEUBLE AUTOMATISE**
[72] CHACON, RYAN EDWARD, US
[72] ROHR, WILLIAM ROBERT, US
[72] MADADI, AVINASH, US
[72] LAWSON, GREGORY MARK, US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
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[54] **A SET OF PANELS FOR AN ASSEMBLED PRODUCT**
[54] **ENSEMBLE DE PANNEAUX DESTINE A UN PRODUIT ASSEMBLE**
[72] FRIDLUND, MAGNUS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-07-16
[86] 2017-02-02 (PCT/SE2017/050086)
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[25] EN
[54] **MEDICAL TIMING DEVICE AND METHOD HAVING SINGLE ACTION TRIGGERING FOR ACTIVATION AND LOCK CONDITIONS**
[54] **DISPOSITIF ET PROCEDE MEDICAUX DE MINUTAGE AYANT UN DECLENCHEMENT A ACTION UNIQUE POUR DES ETATS D'ACTIVATION ET DE VERROUILLAGE**
[72] HARRIS, SHEROD V., US
[72] SKEELE, TRINA A., US
[72] ORENSTEIN, DAVID L., US
[71] HARRIS SKEELE CORPORATION D/B/A SIMPLERLINKS, US
[85] 2018-07-16
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[54] **SCOURING PAD AND METHOD OF SCOURING**
[54] **TAMPON A RECURER ET PROCEDE DE RECURAGE**
[72] GARDNER, JAMES P., JR., US
[72] CARLSON, LAUREN K., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **FLAME SIMULATOR WITH MOVABLE LIGHT BEAM**
[54] **SIMULATEUR DE FLAMME A FAISCEAU LUMINEUX MOBILE**
[72] BAEZA, GUILLERMO ENRIQUE, US
[71] LOWE'S COMPANIES, INC., US
[85] 2018-07-16
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[54] **FILAMENT DE DIODE ELECTROLUMINESCENTE (DEL)**
[72] JIANG, TAO, CN
[72] LI, LIQIN, CN
[71] JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, CN
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[86] 2016-12-14 (PCT/CN2016/109891)
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[54] **SYSTEME DE SIMULATION POUR LE DEVELOPPEMENT ET L'OPTIMISATION DE MATERIAUX ET METHODES CHIRURGICALES SPECIFIQUES A UNE PERSONNE : APPAREIL, SYSTEME ET PROCEDE DE SIMULATION DU THORAX**
[72] AHMAD, RASHID, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2018-07-16
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[25] EN
[54] **PESTICIDALLY ACTIVE MIXTURES COMPRISING ANTHRANILAMIDE COMPOUNDS**
[54] **MELANGES A ACTIVITE PESTICIDE COMPRENANT DES COMPOSES ANTHRANILAMIDES**
[72] REINHARD, ROBERT, DE
[72] BINDSCHAEDLER, PASCAL, DE
[72] KOERBER, KARSTEN, DE
[72] LANGEWALD, JUERGEN, DE
[71] BASF SE, DE
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[54] **CAVITY X MIXER HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR-MELANGEUR DE TYPE X A CAVITE**
[72] EL-TOUFAILI, FAISSAL-ALI, DE
[72] KERMER, CORNELIA, DE
[72] MUELLER-WEITZEL, CECILE, DE
[72] FONSECA, GLEDISON, DE
[71] BASF SE, DE
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[54] **UNITE DE SIEGE MULTIFONCTION**
[72] MORGAVI, ALDO FEDERICO, IT
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[25] EN
[54] **METHOD, PROBE AND ARRANGEMENT FOR MONITORING AGRICULTURAL PRODUCTS**
[54] **PROCEDE, SONDE ET DISPOSITIF DE SURVEILLANCE DE PRODUITS AGRICOLES**
[72] PESONEN, NADINE, FI
[72] GUERRE, ROLAND, FI
[71] QUANTURI OY, FI
[85] 2018-07-16
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[54] **FORMULATION PHARMACEUTIQUE LYOPHILISEE ET SON UTILISATION**
[72] JALKANEN, MARKKU, FI
[72] MAKSIMOW, MIKAEL, FI
[72] PIIPPO, ILSE, FI
[71] FARON PHARMACEUTICALS OY, FI
[85] 2018-07-16
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[54] **METHOD FOR RECOVERING GOLD FROM AN ORE OR A REFINING INTERMEDIATE CONTAINING GOLD**
[54] **PROCEDE DE RECUPERATION D'OR A PARTIR D'UN MINERAI OU D'UN INTERMEDIAIRE DE RAFFINAGE CONTENANT DE L'OR**
[72] YOSHIMURA,AKIRA, JP
[72] ABE,YOSHIFUMI, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2018-07-16
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[54] **A SET OF THREE PANEL-SHAPED ELEMENTS**
[54] **ENSEMBLE DE TROIS ELEMENTS EN FORME DE PANNEAU**
[72] BOO, CHRISTIAN, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-07-16
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[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE UNIDOSE HYDROSOLUBLE**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] LA BEQUE, REGINE, BE
[72] SCHITTKO, STEFAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-16
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[54] **DERIVES AMINE DE LUPANES AYANT UNE ACTIVITE INHIBITRICE DE LA MATURATION DU VIH**
[72] JOHNS, BRIAN ALVIN, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] **INTERNATIONAL PATENT APPLICATION FOR DRIED AMPLIFICATION COMPOSITIONS**
[54] **COMPOSITIONS D'AMPLIFICATION SECHEES**
[72] FILIPOWSKY, MARK, US
[72] MARTIN, DONALD, US
[72] JOST, MATTHIAS, US
[72] NODELMAN, VLADISLAV, US
[72] DICKSON, ROBERT STEPHEN, US
[72] CROWELL, CHERYL LYNN, US
[72] MAUCH, STEVEN, US
[71] GEN-PROBE INCORPORATED, US
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[54] **METHOD OF WASHING**
[54] **PROCEDE DE LAVAGE**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] DE MALSCHE, KATRIEN, BE
[72] DEGEYTER, RAF GUSTAAF ALFONS, BE
[72] SAINT-IGNAN, KATY, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **ORAL CHOLESTYRAMINE FORMULATION AND USE THEREOF**
[54] **FORMULATION ORALE DE CHOLESTYRAMINE ET UTILISATION ASSOCIEE**
[72] GILLBERG, PER-GORAN, SE
[72] GUSTAFSSON, NILS OVE, SE
[72] LINDBERG, NILS-OLOF, SE
[72] ELVERSSON, JESSICA, SE
[71] ALBIREO AB, SE
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[25] EN
[54] **CAPILLARY ELECTROPHORESIS INKJET DISPENSING**
[54] **DISTRIBUTION DE JET D'ENCRE A ELECTROPHORESE CAPILLAIRE**
[72] FURTAW, MICHAEL D., US
[72] LAMB, DONALD T., US
[71] LI-COR, INC., US
[85] 2018-07-16
[86] 2017-01-30 (PCT/US2017/015657)
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[51] **Int.Cl. F26B 20/00 (2006.01)**
[25] EN
[54] **SYSTEMS FOR PROCESSING WASTE TO FORM USEABLE PRODUCTS AND METHODS THEREOF**
[54] **SYSTEMES DE TRAITEMENT DE DECHETS POUR FORMER DES PRODUITS UTILISABLES ET PROCEDES ASSOCIES**
[72] MARDIKIAN, ALBERT, US
[71] MARDIKIAN, ALBERT, US
[85] 2018-07-16
[86] 2017-02-17 (PCT/US2017/018513)
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[25] EN
[54] **SYSTEMS AND COMPUTER-IMPLEMENTED METHODS FOR ASSESSING SOCIAL COMPETENCY**
[54] **SYSTEMES ET PROCEDES IMPLEMENTES PAR ORDINATEUR POUR EVALUER LA COMPETENCE SOCIALE**
[72] ANDERSON, VICKI ANNE, AU
[72] BEAUCHAMP, MIRIAM HELEN, CA
[72] DARBY, DAVID GORDON, AU
[72] DOOLEY, JULIAN, US
[72] TURKSTRA, LYN S, US
[72] MUSCARA, FRANCESCO, AU
[72] HEARPS, SIMONE, AU
[72] CHARALAMBOUS, GEORGE, AU
[72] THURAI, SARVA, AU
[72] JAIMANGAL, MOHINDER, AU
[71] MURDOCH CHILDRENS RESEARCH INSTITUTE, AU
[85] 2018-07-17
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[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/12 (2015.01) C12N 13/00 (2006.01)**
[25] EN
[54] **ENHANCED MULTIPOTENT CELLS AND MICROVASCULAR TISSUE AND METHODS OF USE THEREOF**
[54] **CELLULES MULTIPOTENTES ET TISSU MICROVASCULAIRE AMELIORES ET LEURS PROCEDES D'UTILISATION**
[72] PETERSON, DALE R., US
[72] MATTERN, RALPH-HEIKO, US
[72] ARM, DOUGLAS M., US
[72] PICKETT, LAEL J., US
[72] GONG, GLEN, US
[72] OHASHI, KEVIN L., US
[71] MICROVASCULAR TISSUES, INC., US
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[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD**
[54] **APPAREIL DE TERMINAL, APPAREIL DE STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] YOSHIMURA, TOMOKI, JP
[72] HAYASHI, TAKASHI, JP
[72] KUSASHIMA, NAOKI, JP
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] OUCHI, WATARU, JP
[72] IMAMURA, KIMIHIKO, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[25] EN
[54] **UNMANNED LIVESTOCK MONITORING SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE SURVEILLANCE DE BETAIL SANS EQUIPAGE ET PROCEDES D'UTILISATION ASSOCIES**
[72] TRUMBULL, TIMOTHY REX, US
[72] MYRTLE, SUSAN RENE, US
[71] DINKLAGE FEED YARDS, INC., US
[85] 2018-07-16
[86] 2016-12-15 (PCT/US2016/066915)
[87] (WO2017/127188)
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[25] FR
[54] **ASSEMBLY OF ELECTRIC ACCUMULATORS**
[54] **ASSEMBLAGE D'ACCUMULATEURS ELECTRIQUES**
[72] LAMBERT, GHISLAIN, CA
[72] LAVOIE, SAMUEL, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2018-07-17
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[87] (WO2017/143433)
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[25] EN
[54] **A DEVICE HAVING SURFACES AND AN ANTI-BIOFOULING SYSTEM COMPRISING AT LEAST ONE ANTI-BIOFOULING LIGHT SOURCE FOR EMITTING RAYS OF ANTI-BIOFOULING LIGHT**
[54] **DISPOSITIF PRESENTANT DES SURFACES ET SYSTEME ANTI-ENCRASSEMENT BIOLOGIQUE COMPRENANT AU MOINS UNE SOURCE DE LUMIERE ANTI-ENCRASSEMENT BIOLOGIQUE EMETTANT DES RAYONNNEMENTS DE LUMIERE ANTI-ENCRASSEMENT BIOLOGIQUE**
[72] SALTERS, BART ANDRE, NL
[72] HIETBRINK, ROELANT BOUDEWIJN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-07-17
[86] 2017-01-20 (PCT/EP2017/051176)
[87] (WO2017/125543)
[30] EP (16151990.5) 2016-01-20
[30] EP (16184438.6) 2016-08-17

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[25] EN
[54] **SUBBAND SPATIAL AND CROSSTALK CANCELLATION FOR AUDIO REPRODUCTION**
[54] **SOUS-BANDE SPATIALE ET ANNULATION DE DIAPHONIE POUR UNE REPRODUCTION AUDIO**
[72] SELDESS, ZACHARY, US
[72] TRACEY, JAMES, US
[72] KRAEMER, ALAN, US
[71] BOOMCLOUD 360, INC., US
[85] 2018-07-16
[86] 2017-01-11 (PCT/US2017/013061)
[87] (WO2017/127271)
[30] US (62/280,119) 2016-01-18
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[51] **Int.Cl. C08L 13/02 (2006.01) C08J 3/03 (2006.01) C08J 5/02 (2006.01) C08K 3/10 (2018.01) C08L 9/04 (2006.01) C08L 11/02 (2006.01)**
[25] EN
[54] **ELASTOMERIC ARTICLES, COMPOSITIONS, AND METHODS FOR THEIR PRODUCTION**
[54] **ARTICLES ELASTOMERES, COMPOSITIONS, ET PROCEDES DE PRODUCTION ASSOCIES**
[72] FOO, KHON PU, MY
[72] PRABHAKARAN, KUMARESAN, MY
[71] SKINPROTECT CORPORATION SDN BHD, MY
[85] 2018-07-17
[86] 2016-04-29 (PCT/AU2016/050311)
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[30] AU (2016900326) 2016-01-29
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[25] EN
[54] **POLYMER DISPERSION FOR DURABLE COATING, AND THE COATING COMPRISING THE SAME**
[54] **DISPERSION POLYMERE POUR UN REVETEMENT DURABLE ET REVETEMENT LA COMPRENANT**
[72] LIU, HUI, CN
[72] XU, JIANMING, CN
[72] WANG, YUJIANG, CN
[71] ROHM AND HAAS COMPANY, US
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[54] **HARDENABLE AL-MG-SI-BASED ALUMINUM ALLOY**
[54] **ALLIAGE D'ALUMINIUM DURCISSABLE A BASE DE AL-MG-SI**
[72] ANTREKOWITSCH, HELMUT, AT
[72] EBNER, THOMAS, AT
[72] FRAGNER, WERNER, AT
[72] KAUFMANN, HELMUT, AT
[72] POGATSCHER, STEFAN, AT
[72] PRILLHOFER, RAMONA, AT
[72] UGGOWITZER, PETER J., CH
[72] WERINOS, MARION, AT
[71] AMAG ROLLING GMBH, AT
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[86] 2017-01-20 (PCT/EP2017/051243)
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[25] EN
[54] **A COMPOSITION COMPRISING AN ALGAL PROTEOGLYCAN EXTRACT AND USE THEREOF**
[54] **COMPOSITION COMPRENANT UN EXTRAIT DE PROTEOGLYCANE D'ALGUE ET SON UTILISATION**
[72] QI, QING, CN
[71] QI, QING, CN
[85] 2018-07-17
[86] 2017-01-20 (PCT/CN2017/071861)
[87] (WO2017/125065)
[30] CN (201610037244.6) 2016-01-20

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[51] **Int.Cl. A61K 31/12 (2006.01) A61K 31/19 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL OR NUTRITIONAL COMBINATION COMPRISING BETA-HYDROXY-BETAMETHYLBUTYRATE**
[54] **COMBINAISON PHARMACEUTIQUE OU NUTRITIONNELLE COMPRENANT DU BETA-HYDROXY-BETA-METHYLBUTYRATE**
[72] SATHYAVAGEESWARAN, SHREERAM, US
[71] ABBOTT LABORATORIES, US
[85] 2018-07-16
[86] 2017-01-16 (PCT/US2017/013672)
[87] (WO2017/127333)
[30] GB (1600990.4) 2016-01-19

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[25] EN
[54] **METHOD OF FEEDING HATCHED CHICKS IN A CLIMATE CHAMBER**
[54] **PROCEDE D'ALIMENTATION DE POUSSINS ECLOS DANS UNE CHAMBRE CLIMATISEE**
[72] METER, TJITZE, NL
[71] HATCHTECH GROUP B.V., NL
[85] 2018-07-17
[86] 2017-01-23 (PCT/EP2017/051271)
[87] (WO2017/125596)
[30] NL (2016135) 2016-01-21

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[25] EN
[54] **NUCLEIC ACID SEQUENCING METHOD AND SYSTEM EMPLOYING ENHANCED DETECTION OF NUCLEOTIDE-SPECIFIC TERNARY COMPLEX FORMATION**
[54] **PROCEDE ET SYSTEME DE SEQUENCAGE D'ACIDE NUCLEIQUE FAISANT APPEL A UNE DETECTION AMELIOREE DE LA FORMATION DE COMPLEXES TERNAIRES SPECIFIQUES DES NUCLEOTIDES**
[72] DAMBACHER, COREY M., US
[71] OMNIOME, INC., US
[85] 2018-07-16
[86] 2017-04-21 (PCT/US2017/028878)
[87] (WO2017/184996)
[30] US (62/326,356) 2016-04-22

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[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING CARBON DIOXIDE FROM FLUE GAS**
[54] **PROCEDE ET APPAREIL D'ELIMINATION DE DIOXYDE DE CARBONE DE GAZ DE COMBUSTION**
[72] REID, TERRENCE, AU
[71] SQUARETAIL PTY LTD, AU
[85] 2018-07-17
[86] 2017-01-20 (PCT/AU2017/050043)
[87] (WO2017/124151)
[30] AU (2016900186) 2016-01-21

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[25] EN
[54] **EYE IMAGE COLLECTION, SELECTION, AND COMBINATION**
[54] **COLLECTE, SELECTION ET COMBINAISON D'IMAGES OCULAIRES**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2018-07-16
[86] 2017-01-17 (PCT/US2017/013796)
[87] (WO2017/127366)
[30] US (62/280,456) 2016-01-19
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **LIQUID FORMULATION OF A VEGF ANTAGONIST**
[54] **FORMULATION LIQUIDE D'UN ANTAGONISTE DU VEGF**
[72] SIGL, RAINER, DE
[71] FORMYCON AG, DE
[85] 2018-07-17
[86] 2017-01-26 (PCT/EP2017/051662)
[87] (WO2017/129685)
[30] EP (16152767.6) 2016-01-26
[30] EP (16199497.5) 2016-11-18

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[51] **Int.Cl. C07D 209/34 (2006.01) C07D 209/00 (2006.01)**
[25] EN
[54] **2-OXINDOLE COMPOUNDS**
[54] **COMPOSES DE 2-OXINDOLE**
[72] CHEN, XI, US
[72] DRAGOLI, DEAN R., US
[72] FAN, PINGCHEN, US
[72] LELETI, MANMOHAN REDDY, US
[72] LUI, REBECCA M., US
[72] MALATHONG, VIENGKHAM, US
[72] POWERS, JAY P., US
[72] SINGH, RAJINDER, US
[72] TANAKA, HIROKO, US
[72] YANG, JU, US
[72] YU, CHAO, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-07-16
[86] 2017-01-18 (PCT/US2017/013899)
[87] (WO2017/127409)
[30] US (62/280,969) 2016-01-20

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[51] **Int.Cl. B60C 23/04 (2006.01) B60C 23/00 (2006.01) B60C 23/02 (2006.01)**
[25] EN
[54] **TIRE PRESSURE OPTIMIZATION SYSTEM**
[54] **SYSTEME D'OPTIMISATION DE PRESSION DE PNEU**
[72] MAYS, WESLEY M., US
[72] FORTUNA, JAMES, US
[71] OMNITRACS, LLC, US
[85] 2018-07-16
[86] 2017-01-27 (PCT/US2017/015505)
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[30] US (15/011,202) 2016-01-29

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[54] **EXTRACTION D'UNE FRACTION D'HYDROCARBURES LIQUIDES A PARTIR D'UNE CHARGE DE DEPART DE DECHETS CARBONES**
[72] KRISTIAN, JERRY, CA
[72] EIDEM, BROCK, CA
[72] VOLDENG, PETER, CA
[71] NULIFE GREENTECH INC., CA
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[54] **BEAD BEATING TUBE AND METHOD FOR EXTRACTING DEOXYRIBONUCLEIC ACID AND/OR RIBONUCLEIC ACID FROM MICROORGANISMS**
[54] **TUBE A BATTAGE DE BILLES POUR L'EXTRACTION DE L'ACIDE DESOXYRIBONUCLEIQUE ET/OU DE L'ACIDE RIBONUCLEIQUE DES MICRO-ORGANISMES**
[72] KLAPPROTH, HOLGER, DE
[72] SMIT, NICOLAAS, CA
[71] SAFEGUARD BIOSYSTEMS HOLDINGS LTD., GB
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[54] **PROCEDE ET SYSTEME DE COLLECTE DE LOTS ALIMENTAIRES**
[72] KRING, OLE, DK
[72] OVERBY, BENT, DK
[72] HELLER, MARTIN, DK
[72] BAU-MADSEN, NIELS KRISTIAN, DK
[72] MOGENSEN, LARS, DK
[71] SCANDINAVIAN MICRO BIODEVICES APS, DK
[71] CHR. HANSEN A/S, DK
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[54] **AUGMENTED REALITY SYSTEMS AND METHODS UTILIZING REFLECTIONS**
[54] **SYSTEMES ET PROCEDES DE REALITE AUGMENTEE UTILISANT DES REFLEXIONS**
[72] HARRISES, CHRISTOPHER M., US
[72] SAMEC, NICOLE ELIZABETH, US
[72] ROBAINA, NASTASJA U., US
[72] BAERENRODT, MARK, US
[72] WRIGHT, ADAM CARL, US
[72] KAEHLER, ADRIAN, US
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[54] **PACKAGING METHOD AND MACHINE IN EXTENSIBLE FILM OF PRODUCTS FED IN GROUPS**
[54] **PROCEDE ET MACHINE D'EMBALLAGE SOUS FILM EXTENSIBLE DE PRODUITS ACHEMINES EN GROUPES**
[72] PECCETTI, FRANCESCO, IT
[71] COLINES S.P.A., IT
[85] 2018-07-17
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[54] **CAPSAICIN SEQUENTIAL DOSING METHOD FOR TREATMENT OF MORTON'S NEUROMA PAIN**
[54] **METHODE DE DOSAGE SEQUENTIEL DE CAPSAICINE POUR LE TRAITEMENT DE DOULEURS LIEES A UN NEVROME DE MORTON**
[72] CAMPBELL, JAMES N., US
[72] HANSON, PETER D., US
[72] STEVENS, RANDALL, US
[71] CENTREXION THERAPEUTICS CORPORATION, US
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[54] **CUTTING METHOD AND UNIT IN A PACKAGING MACHINE IN EXTENSIBLE FILM**
[54] **PROCEDE ET UNITE DE COUPE DANS UNE MACHINE D'EMBALLAGE SOUS FILM EXTENSIBLE**
[72] PECCETTI, FRANCESCO, IT
[71] COLINES S.P.A., IT
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[54] **RELAY GATEWAY FOR WIRELESS RELAY SIGNALING IN A DATA COMMUNICATION NETWORK**
[54] **PASSERELLE RELAIS POUR SIGNALISATION DE RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **PROCEDE DE PREPARATION D'ACIDE 4-PHENYL-5-ALCOXYCARBONYL-2-THIAZOL-2-YL-1,4-DIHYDROPYRIMIDIN-6-YL]METHYL]-3-OXO-5,6,8,8A-TETRAHYDRO-1H-IMIDAZO[1,5-A]PYRAZIN-2-YL]-CARBOXYLIQUE**
[72] CHEN, JUNLI, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DISPOSITIF DE GUIDAGE DE CONDUITE OU DE LIGNE A DETECTION D'USURE ELECTROTECHNIQUE ET CIRCUIT RADIO A CET EFFET**
[72] HERMEY, ANDREAS, DE
[72] BARTEN, DOMINIK, DE
[72] JAEKER, THILO-ALEXANDER, DE
[72] SCHMER, KONSTANTIN, DE
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[72] HAAP, WOLFGANG, CH
[72] KUHN, BERND, CH
[72] LUEBBERS, THOMAS, CH
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[54] **METHOD FOR STACKING A VEHICLE ON TOP OF ANOTHER, SIMILAR VEHICLE, AND STACKABLE VEHICLE FOR CARRYING OUT SAID METHOD**
[54] **PROCEDES D'EMPILEMENT D'UN VEHICULE SUR UN AUTRE VEHICULE SIMILAIRE, ET VEHICULE EMPILABLE POUR REALISATION DUDIT PROCEDE**
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[71] PRONELLO, FERRY, AR
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[54] **TREATMENT OF BONE FRACTURES AND DEFECTS**
[54] **TRAITEMENT DE FRACTURES ET DEFAUTS OSSEUX**
[72] BURSHTEIN, GREGORY, IL
[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
[72] GALITZER, HILLEL, IL
[71] ENTERA BIO LTD., IL
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[54] **COMPOSITIONS AND RESULTING HARD CAPSULES COMPRISING HYDROPHILIC COLORING FOODSTUFF CONCENTRATES**
[54] **COMPOSITIONS ET CAPSULES DURES RESULTANTES COMPRENANT DES CONCENTRES ALIMENTAIRES COLORANTS HYDROPHILES**
[72] STRAUB, HUGUES, FR
[72] VANQUICKENBORNE, STEFAAN JAAK, BE
[71] CAPSUGEL BELGIUM NV, BE
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[54] **FORMULATIONS FOR ORAL ADMINISTRATION OF ACTIVE AGENTS**
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[72] BURSHTEIN, GREGORY, IL
[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
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[54] **SYNCHRONOUS GENERATOR**
[54] **GENERATEUR SYNCHRONE**
[72] PISKORZ, WALDEMAR, PL
[72] PISKORZ, TOMASZ TADEUSZ, PL
[72] PISKORZ, IRENEUSZ, PL
[71] PISKORZ, WALDEMAR, PL
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[54] **DIELECTRIC SENSING FOR SAMPLE CHARACTERIZATION**
[54] **DETECTION DIELECTRIQUE POUR LA CARACTERISATION D'ECHANTILLONS**
[72] SUSTER, MICHAEL, US
[72] MOHSENI, MICHAEL, US
[72] MAJI, DEBNATH, US
[72] STAVROU, EVI, US
[72] GURKAN, UMUT, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF REGORAFENIB**
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE REGORAFENIB**
[72] MUDDASANI, PULLA REDDY, IN
[72] BUDIDETI, SHANKAR REDDY, IN
[72] CHINTALAPATI, SRINIVASACHARY, IN
[72] KOTTE, TIRUPATHI, IN
[72] TALASILA, SAMBASIVA RAO, IN
[72] NANNAPANENI, VENKAIAH CHOWDARY, IN
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[54] **5'-PHOSPHOROTHIOLATE MRNA 5'-END (CAP) ANALOGS, MRNA COMPRISING THE SAME, METHOD OF OBTAINING AND USES THEREOF**
[54] **ANALOGUES D'EXTREMITE 5' (COIFFE) D'ARNM 5'-PHOSPHOROTHIOLATE , ARNM LES COMPRENANT, LEUR PROCEDE D'OBTENTION ET UTILISATIONS**
[72] JEMIELITY, JACEK, PL
[72] FAC-DABROWSKA, KAJA, PL
[72] WOJTCZAK, BLAZEJ, PL
[72] BARANOWSKI, MAREK, PL
[72] NOWICKA, ANNA, PL
[72] KOWALSKA, JOANNA, PL
[72] SIKORSKI, PAWEL, PL
[72] WARMINSKI, MARCIN, PL
[71] UNIWERSYTET WARSZAWSKI, PL
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[25] EN
[54] **STABILIZED AMORPHOUS CALCIUM CARBONATE AS A SUPPLEMENT FOR CELL CULTURE MEDIA**
[54] **CARBONATE DE CALCIUM AMORPHE STABILISE UTILISE COMME COMPLEMENT POUR MILIEUX DE CULTURE CELLULAIRE**
[72] BEN, YOSEF, IL
[72] SHAHAR, ABRAHAM, IL
[72] ARAV, AMIR, IL
[71] AMORPHICAL LTD., IL
[85] 2018-07-17
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[30] US (62/279,843) 2016-01-18
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[54] **GABARIT DE MAINTIEN**
[72] HIRAI, MAKOTO, JP
[72] AZUMA, HIROKI, JP
[72] GOTO, TAKUYA, JP
[72] TAKEYAMA, SACHIO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **STABILIZED AMORPHOUS CALCIUM CARBONATE FOR TREATMENT OF NEUROLOGICAL, MUSCULAR AND INFERTILITY DISEASES OR CONDITIONS**
[54] **CARBONATE DE CALCIUM AMORPHE STABILISE POUR LE TRAITEMENT DE MALADIES OU D'AFFECTIONS NEUROLOGIQUES OU MUSCULAIRES ET L'INFERTILITE**
[72] BEN, YOSEF, IL
[72] SHAHAR, ABRAHAM, IL
[72] ARAV, AMIR, IL
[71] AMORPHICAL LTD., IL
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[71] ARROWHEAD PHARMACEUTICALS, INC., US
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[54] **FUEL CELL CONTROLLER, FUEL CELL SYSTEM AND METHOD OF OPERATION**
[54] **DISPOSITIF DE COMMANDE DE PILES A COMBUSTIBLE, SYSTEME DE PILES A COMBUSTIBLE ET PROCEDE DE FONCTIONNEMENT**
[72] MOGHIMI, SHAHIN, GB
[72] RAMA, PRATAP, GB
[71] INTELLIGENT ENERGY LIMITED, GB
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[54] **BROAD SPECTRUM ANTIBACTERIAL ACTIVITY OF NOVEL BISBENZIMIDAZOLES TARGETING TOPOISOMERASE IA AND THE SYNERGISTIC COMPOSITION OF BISBENZIMIDAZOLE WITH EFFLUX PUMP INHIBITORS AGAINST PATHOGENIC BACTERIA**
[54] **ACTIVITE ANTIBACTERIENNE A LARGE SPECTRE DE NOUVEAUX BISBENZIMIDAZOLES CIBLANT LA TOPOISOMERASE IA ET COMPOSITION SYNERGIQUE ASSOCIANT BISBENZIMIDAZOLE ET INHIBITEURS DE POMPES D'EFFLUX POUR LUTTER CONTRE LES BACTERIES PATHOGENES**
[72] TANDON VIBHA, IN
[72] SINHA DEVAPRIYA, IN
[71] TANDON VIBHA, IN
[71] JAWAHARLAL NEHRU UNIVERSITY (JNU), IN
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[54] **DISPOSITIF DE SEPARATION DE CONSTITUANTS DU SANG**
[72] HAMADA, NARIYUKI, JP
[72] NAKAMURA, SHUJI, JP
[72] SADO, KATSUYUKI, JP
[72] KANEDA, KENTA, JP
[71] TRANSELL CO., LTD., JP
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[54] **AIR TURBINE STARTER AND STARTING METHOD THEREOF**
[54] **DEMARREUR PNEUMATIQUE A TURBINE ET SON PROCEDE DE DEMARRAGE**
[72] LEDESMA LEDESMA, SAUL, MX
[72] BLANCO AVILES, RUBEN, MX
[71] GE AVIATION SYSTEMS LLC, US
[85] 2018-07-17
[86] 2016-01-20 (PCT/US2016/014089)
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[25] EN
[54] **OPTICAL CAP**
[54] **CAPUCHON OPTIQUE**
[72] THURSBY, JONATHAN, GB
[72] PECK, SHAUN, GB
[71] E.V. OFFSHORE LIMITED, GB
[85] 2018-07-17
[86] 2017-01-19 (PCT/GB2017/050136)
[87] (WO2017/129950)
[30] GB (1601452.4) 2016-01-26

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DERIVATIVES OF PYRROLOIMIDAZOLE OR ANALOGUES THEREOF WHICH ARE USEFUL FOR THE TREATMENT OF INTER ALIA CANCER**
[54] **DERIVES DE PYRROLOIMIDAZOLE OU ANALOGUES DE CEUX-CI UTILES, ENTRE AUTRES, DANS LE TRAITEMENT DU CANCER**
[72] GURJAR, MUKUND KESHAV, IN
[72] ROYCHOWDHURY, ABHIJIT, IN
[72] KHALADKAR, TUSHAR PANDURANG, IN
[72] SAWARGAVE, SANGMESHWAR PRABHAKAR, IN
[72] JANRAO, RAVINDRA ASHOK, IN
[72] KALHAPURE, VIJAY KESHAV, IN
[72] URUNKAR, GANESH DEVIDAS, IN
[72] GULLAPALLI, SRINIVAS, IN
[72] KULATHINGAL, JAYANARAYAN, IN
[72] LEKKALA, RAMMOHAN REDDY, IN
[71] EMCURE PHARMACEUTICALS LIMITED, IN
[85] 2018-07-17
[86] 2017-01-31 (PCT/IB2017/050507)
[87] (WO2017/134555)
[30] IN (201621003596) 2016-02-02
[30] IN (201621024110) 2016-07-14

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[51] **Int.Cl. F16H 59/18 (2006.01) F16H 61/02 (2006.01) F16H 63/46 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE AND CONTROL METHOD OF THE SAME**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE POUR VEHICULE**
[72] OOTA, YUSUKE, JP
[72] NISHIHIRO, YOSHIMASA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-17
[86] 2017-01-16 (PCT/JP2017/001255)
[87] (WO2017/126475)
[30] JP (2016-007847) 2016-01-19

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[51] **Int.Cl. F04B 11/00 (2006.01) F04B 43/02 (2006.01)**
[25] EN
[54] **ACTIVE SURGE CHAMBER**
[54] **CHAMBRE D'EQUILIBRAGE ACTIVE**
[72] ROGERS, JOHN ANTHONY, GB
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-07-17
[86] 2016-11-08 (PCT/IB2016/056718)
[87] (WO2017/125802)
[30] GB (1601194.2) 2016-01-22

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[51] **Int.Cl. F17C 13/12 (2006.01) E04H 9/14 (2006.01)**
[25] EN
[54] **COMBUSTIBLE GAS SUPPLY UNIT AND BARRIER**
[54] **UNITE D'ALIMENTATION EN GAZ COMBUSTIBLE ET BARRIERE**
[72] HARADA, SHOTA, JP
[72] FUJISAWA, AKITOSHI, JP
[72] NAGURA, KENJI, JP
[72] WADA, DAISUKE, JP
[72] FUKUDA, TAKAYUKI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2018-07-17
[86] 2017-02-21 (PCT/JP2017/006344)
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[30] JP (2016-037125) 2016-02-29

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING HYPERHIDROSIS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE L'HYPERHIDROSE**
[72] MCGRAW, BENJAMIN, F., III, US
[71] THERAVIDA, INC., US
[85] 2018-07-17
[86] 2016-01-20 (PCT/US2016/014150)
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[25] EN
[54] **STABLE TRIENTINE FORMULATIONS**
[54] **FORMULATIONS STABLES DE TRIENTINE**
[72] WAKSAL, SAMUEL D., US
[71] KADMON PHARMACEUTICALS, LLC, US
[85] 2018-07-17
[86] 2016-02-03 (PCT/US2016/016430)
[87] (WO2016/126860)
[30] US (62/111,522) 2015-02-03

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[51] **Int.Cl. B65B 21/18 (2006.01) B65B 21/20 (2006.01) B65B 35/36 (2006.01) B65B 35/38 (2006.01) B65B 57/10 (2006.01) B65B 57/14 (2006.01) B65G 47/90 (2006.01) B65G 47/91 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSFERRING ARTICLES AT ONE PITCH BETWEEN THEM FROM A SUPPLY CONVEYOR TO CONTAINERS ON ANOTHER CONVEYOR WITH PITCH ADJUSTMENT**
[54] **APPAREIL ET PROCEDE POUR TRANSFERER DES ARTICLES, PRESENTANT UN PAS ENTRE EUX, A PARTIR D'UN TRANSPORTEUR D'ALIMENTATION JUSQU'A DES RECIPIENTS SUR UN AUTRE TRANSPORTEUR PRESENTANT UN REGLAGE DE PAS**
[72] KALANY, ROBERT M., US
[72] SALVATO, ANTHONY B., US
[72] LUKES, MATTHEW R., US
[72] BRUGGER, JEROME, US
[71] R.A JONES & CO., US
[85] 2018-07-17
[86] 2017-01-13 (PCT/US2017/013345)
[87] (WO2017/127292)
[30] US (62/280,901) 2016-01-20
[30] US (15/341,462) 2016-11-02

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[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) A61K 31/7105 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REPROGRAMMING CELLS**
[54] **METHODES ET COMPOSITIONS POUR LA REPROGRAMMATION DE CELLULES**
[72] KOGUT, IGOR, US
[72] ROOP, DENNIS, US
[72] BILOUSOVA, GANNA, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2018-07-17
[86] 2016-11-22 (PCT/US2016/063258)
[87] (WO2017/091547)
[30] US (62/258,801) 2015-11-23

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[51] **Int.Cl. H04N 19/179 (2014.01) H04N 19/115 (2014.01) H04N 19/152 (2014.01) H04N 19/194 (2014.01)**
[25] EN
[54] **MULTISTAGE PANIC RATE CONTROL SCHEME FOR ENCODERS**
[54] **SCHEMA DE COMMANDE DE DEBIT D'URGENCE MULTI-ETAGE POUR DES CODEURS**
[72] ZHOU, WEI, US
[72] CHANDA, SWAROOP, US
[72] MICHELSEN, WAYNE D., US
[72] PERERA, JANE, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-07-17
[86] 2017-01-13 (PCT/US2017/013435)
[87] (WO2017/127300)
[30] US (15/002,362) 2016-01-20

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[13] A1
[51] **Int.Cl. B32B 5/24 (2006.01) B29C 39/10 (2006.01) B32B 27/12 (2006.01)**
[25] EN
[54] **NONWOVEN FABRIC FOR REINFORCING FOAM MOLDED ARTICLES**
[54] **TISSU NON TISSE POUR RENFORCER UN ARTICLE MOULE EN MOUSSE**
[72] NISHIMURA, HIROAKI, JP
[72] KOIDA, TAKASHI, JP
[72] INATOMI, SHINICHIRO, JP
[72] MATSUI, MARIKO, JP
[71] TOYOBO CO., LTD., JP
[85] 2018-07-17
[86] 2017-02-28 (PCT/JP2017/007628)
[87] (WO2017/150488)
[30] JP (2016-037037) 2016-02-29

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[51] **Int.Cl. C09D 11/50 (2014.01) G01N 21/78 (2006.01) G01N 21/84 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **WATER-BASED STERILIZATION INDICATOR COMPOSITION**
[54] **COMPOSITION AQUEUSE INDICATRICE DE STERILISATION**
[72] XIA, WENSHENG, US
[72] DAVIS, SARAH J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-17
[86] 2017-01-13 (PCT/US2017/013391)
[87] (WO2017/127297)
[30] US (62/279,991) 2016-01-18

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[13] A1
[51] **Int.Cl. C09K 8/40 (2006.01) C08J 3/02 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **SPACER FLUID HAVING SIZED PARTICULATES AND METHODS OF USING THE SAME**
[54] **FLUIDE ESPACEUR CONTENANT DES PARTICULES DIMENSIONNEES ET SES PROCEDES D'UTILISATION**
[72] DOAN, ANGELA ANH, US
[72] KELLUM, MATTHEW GRADY, US
[72] LI, LI, US
[72] DIGHE, SHAILESH S., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-17
[86] 2017-01-13 (PCT/US2017/013516)
[87] (WO2017/127304)
[30] US (15/000,892) 2016-01-19

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[13] A1
[51] **Int.Cl. F16B 12/10 (2006.01) B27F 1/02 (2006.01) B27M 3/18 (2006.01)**
[25] EN
[54] **ELEMENT AND METHOD FOR PROVIDING DISMANTLING GROOVE**
[54] **ELEMENT ET PROCEDE DE FOURNITURE DE RAINURE DE DEMONTAGE**
[72] FRIDLUND, MAGNUS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-07-16
[86] 2017-02-09 (PCT/SE2017/050124)
[87] (WO2017/138874)
[30] SE (1650159-5) 2016-02-09

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) C12N 15/73 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RAPID DETECTION OF MICROORGANISMS USING INFECTIOUS AGENTS**
[54] **PROCEDES ET SYSTEMES DE DETECTION RAPIDE DE MICRO-ORGANISMES AU MOYEN D'AGENTS INFECTIEUX**
[72] GIL, JOSE S., US
[72] ERICKSON, STEPHEN, US
[72] HOPKINS, BEN BARRETT, US
[72] NGUYEN, MINH MINDY BAO, US
[72] ANDERSON, DWIGHT LYMAN, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013955)
[87] (WO2017/127434)
[30] US (62/280,043) 2016-01-18
[30] US (62/280,465) 2016-01-19
[30] US (15/263,619) 2016-09-13

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[51] **Int.Cl. B31B 70/16 (2017.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR MAKING A POUCH OR CONTAINER**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FABRIQUER UNE POCHE OU UN CONTENANT**
[72] ACKERMAN, BRYAN L., US
[72] PORCHIA, JOSE, US
[71] S. C. JOHNSON & SON, INC., US
[85] 2018-07-17
[86] 2017-01-19 (PCT/US2017/014012)
[87] (WO2017/127472)
[30] US (62/280,496) 2016-01-19
[30] US (15/408,565) 2017-01-18

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[13] A1
[51] **Int.Cl. A47L 13/16 (2006.01) A47L 17/08 (2006.01) B08B 1/00 (2006.01) B32B 5/26 (2006.01)**
[25] EN
[54] **CONSUMER SCRUBBING ARTICLE WITH STAIN RELEASE AND METHOD OF MAKING SAME**
[54] **ARTICLE DE NETTOYAGE GRAND PUBLIC AYANT UNE APTITUDE AU DETACHAGE ET SON PROCEDE DE FABRICATION**
[72] CORN, STEWART H., US
[72] COLE, MATTHEW S., US
[72] GUNES, IBRAHIM S., US
[72] SANTA CRUZ, WINDY A., US
[72] POWELL, DENNARD J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-17
[86] 2017-01-17 (PCT/US2017/013739)
[87] (WO2017/127350)
[30] US (62/280,362) 2016-01-19

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[13] A1
[51] **Int.Cl. F16H 3/66 (2006.01)**
[25] EN
[54] **HEAVY-DUTY INDUSTRIAL TRANSMISSION**
[54] **TRANSMISSION INDUSTRIELLE POUR SERVICE INTENSIF**
[72] VAN HOORN, ANDREW, D., US
[72] MATRANGA, GERALD, A., US
[71] TWIN DISC, INC., US
[85] 2018-07-17
[86] 2017-01-19 (PCT/US2017/014086)
[87] (WO2017/127511)
[30] US (62/280,219) 2016-01-19

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[51] **Int.Cl. A01C 23/02 (2006.01) A01C 15/00 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL IMPLEMENT WITH LIFT ASSIST AND UPLIFT CAPABILITY**
[54] **OUTIL AGRICOLE DOTE D'AIDE AU LEVAGE ET CAPACITE DE SOULEVEMENT**
[72] FAST, VERLYN KEITH, US
[72] HOEPER, JOHN H., US
[72] ROLL, CLAY, US
[72] PROHASKA, JAMES BRUCE, US
[72] FORTH, KURT MITCHELL, US
[71] FAST GLOBAL SOLUTIONS, INC, US
[85] 2018-07-17
[86] 2017-01-19 (PCT/US2017/014094)
[87] (WO2017/127518)
[30] US (62/280,588) 2016-01-19
[30] US (62/300,561) 2016-02-26

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[13] A1
[51] **Int.Cl. B01L 7/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **POINT-OF-CARE NUCLEIC ACID AMPLIFICATION AND DETECTION**
[54] **AMPLIFICATION ET DETECTION D'ACIDE NUCLEIQUE DELOCALISEES**
[72] TRIVEDI, KRUTARTH, US
[71] TRIV TECH, LLC, US
[85] 2018-07-17
[86] 2017-01-19 (PCT/US2017/014175)
[87] (WO2017/127570)
[30] US (62/281,124) 2016-01-20
[30] US (62/290,646) 2016-02-03

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[13] A1
[51] **Int.Cl. B60H 1/00 (2006.01) B60H 1/32 (2006.01) B60P 3/20 (2006.01) F25D 11/00 (2006.01) F25D 19/00 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REFRIGERATION UNIT CONTROL**
[54] **APPAREIL ET PROCEDE DE COMMANDE D'UNITE DE REFRIGERATION**
[72] HIGH, DONALD R., US
[72] VALKOV, ANTON, US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013850)
[87] (WO2017/127380)
[30] US (62/280,975) 2016-01-20

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[13] A1
[51] **Int.Cl. F16C 33/74 (2006.01) E02F 9/00 (2006.01) F16C 11/04 (2006.01) F16J 15/16 (2006.01)**
[25] EN
[54] **SEAL SYSTEM FOR DRY LUBE PIN JOINTS**
[54] **SYSTEME D'ETANCHEITE POUR DES ARTICULATIONS CYLINDRIQUES A LUBRIFIANT SEC**
[72] YANSKA, DAVID J., US
[72] AMSTUTZ, AARON KENNETH, US
[72] MATHEW, SUNIL I., US
[72] ANTOINE, DARREN B., US
[71] CATERPILLAR INC., US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013866)
[87] (WO2017/127391)
[30] US (15/001,350) 2016-01-20

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[13] A1
[51] **Int.Cl. C03B 23/049 (2006.01) A24F 1/28 (2006.01) C03B 23/18 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A DISPOSABLE VIAL FOR PACKING TOBACCO TO BE SMOKED**
[54] **PROCEDE DE FABRICATION D'UN FLACON JETABLE POUR EMBALLER DU TABAC A FUMER**
[72] OU, SUK HWAN, US
[71] R.Y.L. INC., US
[85] 2018-07-17
[86] 2017-01-19 (PCT/US2017/014185)
[87] (WO2017/127575)
[30] US (15/003,442) 2016-01-21

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[51] **Int.Cl. H04B 5/00 (2006.01) G05D 1/00 (2006.01) G05D 1/02 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR A ROTARY JOINT WITH MULTIPLE WIRELESS LINKS**
[54] **DISPOSITIFS ET PROCEDES DE COMMANDE D'UN JOINT TOURNANT AVEC UNE PLURALITE DE LIAISONS SANS FIL**
[72] ROSENBAND, DANIEL, L., US
[72] DROZ, PIERRE-YVES, US
[72] WANG, MIN, US
[72] BRUHIS, ETAI, US
[72] BROWN, ADAM, US
[72] LENIUS, SAMUEL, WILLIAM, US
[71] WAYMO LLC, US
[85] 2018-07-17
[86] 2017-01-20 (PCT/US2017/014275)
[87] (WO2017/132060)
[30] US (15/006,844) 2016-01-26

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[51] **Int.Cl. B01D 35/147 (2006.01) B01D 29/15 (2006.01) B01D 36/00 (2006.01)**
[25] EN
[54] **FILTER ELEMENT AND FILTER SYSTEM**
[54] **ELEMENT DE FILTRE ET SYSTEME DE FILTRE**
[72] ALLOTT, MARK T., US
[72] MORRIS, BRYANT A., US
[72] MCELROY, MARK A., US
[71] CATERPILLAR INC., US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013896)
[87] (WO2017/127407)
[30] US (62/281,943) 2016-01-22
[30] US (15/345,593) 2016-11-08

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[51] **Int.Cl. A61B 17/88 (2006.01) B01F 7/00 (2006.01)**
[25] EN
[54] **MANUAL MIXER**
[54] **MELANGEUR MANUEL**
[72] SASAKI, NEIL S., US
[71] MEDTRONIC HOLDING COMPANY SARL, CH
[85] 2018-07-17
[86] 2017-01-20 (PCT/US2017/014243)
[87] (WO2017/132054)
[30] US (15/009,932) 2016-01-29

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[13] A1
[51] **Int.Cl. G06F 19/24 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SPECTRAL DATA ANALYSIS**
[54] **PROCEDE ET SYSTEME PERMETTANT UNE ANALYSE DE DONNEES SPECTRALES**
[72] PASTRANA-RIOS, BELINDA, US
[72] RODRIGUEZ-TORO, JOSE JAVIER, US
[71] PROTEIN DYNAMIC SOLUTIONS LLC, US
[85] 2018-07-17
[86] 2017-01-20 (PCT/US2017/014338)
[87] (WO2017/127679)
[30] US (62/281,630) 2016-01-21

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[13] A1
[51] **Int.Cl. G01N 23/04 (2018.01) G01N 21/47 (2006.01) G01N 23/12 (2018.01)**
[25] EN
[54] **OPTICAL SENSORS FOR DOWNHOLE TOOLS AND RELATED SYSTEMS AND METHODS**
[54] **CAPTEURS OPTIQUES POUR OUTILS DE FOND DE TROU ET SYSTEMES ET PROCEDES ASSOCIES**
[72] MONTEIRO, OTHON R., US
[72] SURESH, RADHIKA, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013905)
[87] (WO2017/127411)
[30] US (15/003,578) 2016-01-21

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **SEISMIC WELL TIES USING BLOCKING SCHEMES**
[54] **LIENS DE PUITS SISMIQUE UTILISANT DES PROGRAMMES DE BLOCAGE**
[72] WANG, KAINAN, US
[72] LOMASK, JESSE, US
[72] SEGOVIA, FELIX, US
[71] LANDMARK GRAPHIC CORPORATION, US
[85] 2018-07-17
[86] 2016-02-19 (PCT/US2016/018596)
[87] (WO2017/142544)

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **PEN NEEDLE ASSEMBLY**
[54] **ENSEMBLE DE STYLO-INJECTEUR**
[72] RINI, CHRISTOPHER, US
[72] KLUG, RICHARD, US
[72] PETTIS, RONALD, US
[72] HUANG, DAVID, US
[72] MARIGOWDA, SHRESTA, US
[72] SACK, TODD, US
[72] BOWEN, MARK, US
[72] ZUSCHLAG, MATTHEW, US
[72] SCHIFF, DAVID, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-07-17
[86] 2016-04-14 (PCT/US2016/027577)
[87] (WO2017/131802)
[30] US (PCT/US2016/015680) 2016-01-29

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[51] **Int.Cl. E21B 43/267 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **PHOTOMETER/NEPHELOMETER DEVICE AND METHOD OF USING TO DETERMINE PROPPANT CONCENTRATION**
[54] **DISPOSITIF PHOTOMETRE/NEPHELOMETRE ET PROCEDE D'UTILISATION POUR DETERMINER LA CONCENTRATION EN AGENT DE SOUTENEMENT**
[72] SCHARMACH, WILLIAM J., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2018-07-17
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[87] (WO2017/127251)
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[54] **DIFFERENTIAL DIAGNOSIS OF ECTOPIC CUSHING'S SYNDROME**
[54] **DIAGNOSTIC DIFFERENTIEL DU SYNDROME DE CUSHING ECTOPIQUE**
[72] MORAITIS, ANDREAS G., US
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2018-07-16
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[87] (WO2017/127448)
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[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **CLOQUINTOCET SALTS FOR SAFENING PYROXSULAM COMPOSITIONS**
[54] **SELS DE CLOQUINTOCET POUR CONFERER UN EFFET PHYTOPROTECTEUR A DES COMPOSITIONS DE PYROXSULAM**
[72] OUSE, DAVID G., US
[72] LI, MEI, US
[72] GIFFORD, JAMES, US
[72] KEENEY, FRANKLIN NELSON, US
[72] ZHANG, HONG, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-07-17
[86] 2017-01-12 (PCT/US2017/013123)
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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS FOR THE TREATMENT OF DANON DISEASE AND OTHER DISORDERS OF AUTOPHAGY**
[54] **METHODES DESTINEES AU TRAITEMENT DE LA MALADIE DE DANON ET D'AUTRES TROUBLES LIES A L'AUTOPHAGIE**
[72] ADLER, ERIC D., US
[72] NELSON, BRADLEY, US
[72] HASHEM, SHERIN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-07-16
[86] 2017-01-19 (PCT/US2017/014164)
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[25] EN
[54] **SOFT ROBOTIC GRIPPERS FOR CLUTTERED GRASPING ENVIRONMENTS, HIGH ACCELERATION MOVEMENTS, FOOD MANIPULATION, AND AUTOMATED STORAGE AND RETRIEVAL SYSTEMS**
[54] **APPAREILS DE PREHENSION ROBOTIQUES SOUPLES POUR ENVIRONNEMENTS DE PREHENSION ENCOMBRES ET SYSTEMES DE STOCKAGE ET RECUPERATION AUTOMATISES, A MOUVEMENTS D'ACCELERATION ELEVEE ET MANIPULATION D'ALIMENTS**
[72] LESSING, JOSHUA AARON, US
[72] KNOPF, RYAN, US
[72] ALCEDO, KEVIN, US
[72] HARBURG, DANIEL VINCENT, NL
[72] SINGH, SARV PARTEEK, US
[71] SOFT ROBOTICS, INC., US
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[86] 2017-01-20 (PCT/US2017/014281)
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[25] EN
[54] **METHODS FOR PREPARING ANTIBODIES WITH A DEFINED GLYCOSYLATION PATTERN**
[54] **PROCEDE DE PREPARATION D'ANTICORPS AYANT UN PROFIL DE GLYCOSYLATION DEFINI**
[72] GAO, CHANGSHOU, US
[72] THOMPSON, PAMELA, US
[72] TOADER, DORIN, US
[72] DIMASI, NAZZARENO, US
[71] MEDIMMUNE, LLC, US
[85] 2018-07-16
[86] 2017-01-26 (PCT/US2017/015005)
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[25] EN
[54] **DIGITAL ASSET CONVERSION**
[54] **CONVERSION DE BIENS NUMERIQUES**
[72] GOLOSHCHUK, VLADIMIR, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-07-16
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[54] **ENERGIZATION CONTROL FOR ESTABLISHING MICROGRIDS**
[54] **COMMANDE D'ACTIVATION PERMETTANT D'ETABLIR DES MICRO-RESEAUX**
[72] ZIETLOW, DANIEL H., US
[72] YADUSKY, WILLIAM, US
[72] STOCKS, BENJAMIN M., US
[71] S&C ELECTRIC COMPANY, US
[85] 2018-07-17
[86] 2017-01-24 (PCT/US2017/014671)
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[30] US (62/286,667) 2016-01-25
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[25] EN
[54] **HYPOCHLORITE BASED HARD SURFACE DISINFECTANTS**
[54] **DESINFECTANTS DE SURFACE DURE A BASE D'HYPOCHLORITE**
[72] SOM, ABHIGYAN, US
[72] JANI, HARISH, US
[72] JACKSON, ANABELL, US
[72] CARRIER, ROBERT, US
[72] BOROKHOV, OLGA, US
[72] TAYLOR, TIMOTHY J., US
[71] METREX RESEARCH, LLC, US
[85] 2018-07-17
[86] 2017-01-26 (PCT/US2017/015050)
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[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **ENCODING OF MULTIPLE AUDIO SIGNALS**
[54] **CODAGE DE SIGNAUX AUDIO MULTIPLES**
[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US
[72] ATTI, VENKATRAMAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-17
[86] 2017-02-03 (PCT/US2017/016418)
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[30] US (62/294,946) 2016-02-12
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[51] **Int.Cl. B22F 1/00 (2006.01) B22F 9/22 (2006.01) C22F 1/18 (2006.01)**
[25] EN
[54] **METHODS OF DEOXYGENATING METALS HAVING OXYGEN DISSOLVED THEREIN IN A SOLID SOLUTION**
[54] **PROCEDES DE DESOXYGENATION DE METAUX POUR ELIMINER L'OXYGENE QUI Y EST DISSOUS EN UNE SOLUTION SOLIDE**
[72] ZHANG, YING, US
[72] FANG, ZHIGANG ZAK, US
[72] SUN, PEI, US
[72] XIA, YANG, US
[72] ZHOU, CHENGSHANG, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2018-07-17
[86] 2017-02-10 (PCT/US2017/017503)
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[51] **Int.Cl. A61F 2/01 (2006.01)**
[25] EN
[54] **EMBOLIC DEFLECTION DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE DEVIATION EMBOLIQUE ET PROCEDE D'UTILISATION**
[72] CARPENTER, JUDITH, US
[72] CERIER, JEFFREY, US
[72] FORTIER, RICHARD, US
[72] REZAC, DAVID, US
[72] CARPENTER, JEFFREY, US
[72] ROBINSON, TIMOTHY W., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[51] **Int.Cl. B29B 11/16 (2006.01) D03D 3/00 (2006.01) D03D 15/00 (2006.01) B32B 1/08 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES**
[54] **RENFORTS PERIPHERIQUES DESTINES A DES BOITIERS DE VENTILATEUR EN COMPOSITE**
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
[22] 2013-10-21
[41] 2014-05-01
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[51] **Int.Cl. B29B 11/16 (2006.01) D03D 3/00 (2006.01) D03D 15/00 (2006.01) B32B 1/08 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES**
[54] **RAIDISSEURS PERIPHERIQUES POUR ENCEINTES DE VENTILATEUR COMPOSITES**
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
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[41] 2014-05-01
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[51] **Int.Cl. A61K 31/403 (2006.01) A61K 9/28 (2006.01) A61K 31/155 (2006.01) A61K 31/351 (2006.01) A61K 47/32 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **IMMEDIATE RELEASE TABLET FORMULATIONS**
[54] **FORMULES DE COMPRIME A LIBERATION IMMEDIATE**
[72] HALLGREN, AGNETA, SE
[72] SWENSON, RALF MAGNUS WERNER, SE
[71] ASTRAZENECA UK LIMITED, GB
[71] ASTRAZENECA AB, SE
[22] 2010-11-12
[41] 2011-05-19
[62] 2,780,941
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[13] A1
[51] **Int.Cl. A61K 8/97 (2017.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **THE USE OF A PHOTOSYNTHETIC CELL EXTRACT IN A COSMETIC COMPOSITION**
[54] **L'UTILISATION D'UN EXTRAIT DE CELLULE PHOTOSYNTHETIQUE DANS UNE COMPOSITION COSMETIQUE**
[72] BOULET, ANDRE P., CA
[72] MAES, PAUL, BE
[71] GROUPE SANTE DEVONIAN, CA
[22] 2010-04-12
[41] 2011-10-12
[62] 2,699,676

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR**
[54] **FORMES CRISTALLINES D'UN MODULATEUR DE RECEPTEUR D'ANDROGENE**
[72] SMITH, NICHOLAS D., US
[72] HERBERT, MARK R., US
[72] OUERFELLI, OUATHEK, US
[72] DILHAS, ANNA, CH
[71] ARAGON PHARMACEUTICALS, INC., US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[22] 2013-06-04
[41] 2013-12-12
[62] 2,875,767
[30] US (61/656,888) 2012-06-07

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[13] A1
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[25] EN
[54] **METHOD OF AND SYSTEM FOR WHEAT MILLING**
[54] **PROCEDE ET SYSTEME POUR MOUTURE DE BLE**
[72] KOLB, EMIL, US
[71] ARDENT MILLS, LLC, US
[22] 2010-05-13
[41] 2010-11-25
[62] 2,762,424
[30] US (61/180291) 2009-05-21

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[13] A1
[51] **Int.Cl. A62C 3/02 (2006.01) A62C 5/033 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSION GEL BLENDER AND AIRBORNE DELIVERY SYSTEM**
[54] **MELANGEUR DE GEL D'EXTINCTION DES INCENDIES ET SYSTEME D'EPANDAGE AERIEN**
[72] DOTEN, LEONARD E., US
[71] DOTEN, LEONARD E., US
[22] 2010-05-07
[41] 2011-08-19
[62] 2,881,573
[30] US (12/660,044) 2010-02-19

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[51] **Int.Cl. C12N 9/16 (2006.01) B01D 15/36 (2006.01) C07K 1/16 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **PURIFICATION OF IDURONATE-2-SULFATASE**
[54] **PURIFICATION DE L'IDURONATE-2-SULFATASE**
[72] NICHOLS, DAVE, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[22] 2013-06-28
[41] 2014-01-03
[62] 2,877,517
[30] US (61/666,733) 2012-06-29

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[13] A1
[51] **Int.Cl. B29C 64/153 (2017.01) B29C 64/264 (2017.01)**
[25] EN
[54] **THREE-DIMENSIONAL MOLDING EQUIPMENT AND METHOD FOR MANUFACTURING THREE-DIMENSIONAL SHAPED MOLDING OBJECT**
[54] **EQUIPEMENT DE MOULAGE TRIDIMENSIONNEL ET PROCEDE DE FABRICATION D'UN OBJET MOULE DE FORME TRIDIMENSIONNELLE**
[72] MAEDA, TOSHIO, JP
[72] TOMITA, SEIICHI, JP
[72] TAKEZAWA, YASUNORI, JP
[72] KATO, TOSHIHIKO, JP
[72] AMAYA, KOICHI, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[41] 2015-10-04
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[30] JP (JP 2014-077411) 2014-04-04

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[51] **Int.Cl. C12Q 1/6886 (2018.01) C12Q 1/6853 (2018.01) C12Q 1/6858 (2018.01) C12Q 1/6876 (2018.01) C07H 21/04 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDE PRIMERS**
[54] **AMORCES DE POLYNUCLEOTIDES SERVANT A DETECTER LES MUTATIONS PIK3CA**
[72] BOARD, RUTH, GB
[72] FERGUSON, JENNIFER, GB
[72] RAVETTO, PAUL FRANCIS, GB
[72] THELWELL, NICOLA JO, GB
[72] WHITCOMBE, DAVID, GB
[71] QIAGEN MANCHESTER LIMITED, GB
[22] 2008-09-29
[41] 2009-04-02
[62] 2,700,710
[30] GB (0719034.1) 2007-09-28

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[51] **Int.Cl. C22B 3/04 (2006.01) B01D 11/02 (2006.01) C22B 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED METAL RECOVERY DURING ATMOSPHERIC LEACHING OF METAL SULFIDES**
[54] **SYSTEME ET PROCEDE POUR UNE MEILLEURE RECUPERATION DE METAL PENDANT UNE LIXIVIATION ATMOSPHERIQUE DE SULFURES METALLIQUES**
[72] CHAIKO, DAVID J., US
[72] BACZEK, FRANK, US
[72] WALTERS, TOM, US
[72] ROCKS, SALLY, US
[72] EYZAGGUIRRE, CARLOS, US
[71] FLSMIDTH A/S, DK
[22] 2015-09-14
[41] 2016-03-17
[62] 2,971,352
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[13] A1
[51] **Int.Cl. H02J 50/80 (2016.01) A61N 1/378 (2006.01) G05F 1/10 (2006.01)**
[25] EN
[54] **AN IMPROVED MEDICAL SYSTEM COMPRISING IMPLANTS**
[54] **SYSTEME MEDICAL IMPLANTE COMPRENANT DES IMPLANTS**
[72] FORSELL, PETER, CH
[71] IMPLANTICA PATENT LTD., MT
[22] 2010-07-19
[41] 2011-01-20
[62] 2,805,339
[30] US (61/213,805) 2009-07-17
[30] SE (0901002-6) 2009-07-17

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[13] A1
[51] **Int.Cl. B60G 11/12 (2006.01) B60G 11/04 (2006.01) B60G 11/46 (2006.01) F16F 1/18 (2006.01) F16F 1/30 (2006.01)**
[25] EN
[54] **MULTI-TAPERED SUSPENSION COMPONENT**
[54] **ELEMENT DE SUSPENSION MULTICONIQUE**
[72] CARDILLO, CARMEN D., US
[72] ZIMMERMAN, RANDY, US
[72] RAREY, ANDREW X., US
[71] HENDRICKSON USA, L.L.C., US
[22] 2014-01-02
[41] 2014-07-17
[62] 2,896,592
[30] US (13/738,656) 2013-01-10

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[13] A1
[51] **Int.Cl. E05B 15/02 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **A DOOR STRIKE HAVING A KICKER AND AN ADJUSTABLE DEAD LATCH RELEASE**
[54] **GACHE DE PORTE POURVUE D'UN EVACUATEUR ET D'UN DISPOSITIF DE LIBERATION REGLABLE A PENE DEMI-TOUR A CRAN D'ARRET**
[72] SCHEFFLER, DOMINIK, US
[72] SULLIVAN, SCOTT, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2010-08-10
[41] 2011-02-10
[62] 2,712,769
[30] US (61/232,497) 2009-08-10

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/28 (2006.01) F16B 21/06 (2006.01)**
[25] EN
[54] **AN IMPROVED SHAKER FILTER FOR A DRILLING FLUID SHAKER**
[54] **FILTRE DE TAMIS AMELIORE POUR TAMIS VIBRANT POUR FLUIDE DE FORAGE**
[72] DAHL, BJORN, NO
[71] OPTIPRO AS, NO
[22] 2010-10-27
[41] 2011-05-05
[62] 2,815,175
[30] NO (NO20093231) 2009-10-27
[30] US (61/255356) 2009-10-27

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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 15/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE**
[54] **DISPOSITIF A PRESSION EXPIRATOIRE POSITIVE OSCILLANTE**
[72] MEYER, ADAM, CA
[72] ENGELBRETH, DAN, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2012-06-06
[41] 2012-12-13
[62] 2,837,057
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[25] EN
[54] **POROUS COMPOSITES WITH PACLITAXEL CRYSTALS**
[54] **COMPOSITES POREUX A CRISTAUX DE PACLITAXEL**
[72] CLEEK, ROBERT L., US
[72] CULLY, EDWARD H., US
[72] DRUMHELLER, PAUL D., US
[72] LI, MEI, US
[72] TRAYLOR, PETER D., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2014-03-14
[41] 2014-09-25
[62] 2,903,278
[30] US (14/210,162) 2014-03-13
[30] US (61/786,244) 2013-03-14

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[13] A1
[51] **Int.Cl. F23D 14/46 (2006.01) F23D 14/08 (2006.01) F23D 14/70 (2006.01) F24H 3/00 (2006.01)**
[25] EN
[54] **FUEL/AIR MIXTURE AND COMBUSTION APPARATUS**
[54] **MELANGE AIR/CARBURANT ET APPAREIL DE COMBUSTION**
[72] AKBARIMONFARED, AMIN, US
[72] SHELLENBERGER, TIMOTHY J., US
[72] NEIHOUSE, ROBERT STEVEN, US
[72] WILLBANKS, SCOTT ALAN, US
[72] FARLEY, DARRYL, US
[72] WHALEN, NATHAN TAYLOR, US
[72] REED, SHAWN ALLEN, US
[71] RHEEM MANUFACTURING COMPANY, US
[22] 2014-09-12
[41] 2015-04-02
[62] 2,924,810
[30] US (61/883,031) 2013-09-26
[30] US (14/084,095) 2013-11-19
[30] US (14/337,625) 2014-07-22

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[51] **Int.Cl. F26B 23/00 (2006.01) F24S 20/40 (2018.01) A01F 25/14 (2006.01) A01F 25/16 (2006.01) F26B 3/06 (2006.01) F26B 25/10 (2006.01)**
[25] EN
[54] **SOLAR GRAIN DRYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE SOLAIRES DE SECHAGE DU GRAIN**
[72] THOMPSON, BARRY R., US
[71] THOMPSON, BARRY R., US
[22] 2011-05-16
[41] 2011-12-08
[62] 2,886,040
[30] US (12/792,185) 2010-06-02

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[51] **Int.Cl. C09K 11/06 (2006.01) B29B 17/00 (2006.01) C08J 3/20 (2006.01) C08K 5/12 (2006.01) C08K 5/3437 (2006.01)**
[25] EN
[54] **AUTOMATIC SORTING OF POLYMER MATERIALS ON THE BASIS OF THE FLOURESCENCE DECAY TIME OF THE INTRINSIC FLUORESCENCE OF THE POLYMER AND OF THE FLUORESCENCE OF MARKING AGENTS**
[54] **TRI AUTOMATIQUE DE MATIERES POLYMERES A L'AIDE DU TEMPS D'EXTINCTION DE LA FLUORESCENCE PROPRE DU POLYMERE ET DE LA FLUORESCENCE DE SUBSTANCES DE MARQUE**
[72] LANGHALS, HEINZ, DE
[72] SCHLUCKER, THORBEN, DE
[72] ZGELA, DOMINIK, DE
[71] UNISENSOR SENSORSYSTEME GMBH, DE
[22] 2015-03-04
[41] 2015-10-01
[62] 2,943,830
[30] DE (102014004529.3) 2014-03-27

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[21] **3,010,956**
[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) H02M 1/32 (2007.01)**
[25] EN
[54] **ELECTROMAGNETIC INDUCTION TYPE POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DU TYPE A INDUCTION ELECTROMAGNETIQUE**
[72] KOO, JA-LI., US
[71] FERRARISPOWER CO., LTD., KR
[22] 2014-01-17
[41] 2014-07-24
[62] 2,934,854
[30] KR (10-2013-0005968) 2013-01-18

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[21] **3,010,962**
[13] A1
[51] **Int.Cl. A63F 13/73 (2014.01) A63F 13/30 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **MULTI-PROCESS COMMUNICATION REGARDING GAMING INFORMATION**
[54] **COMMUNICATION MULTI-PROCESSUS RELATIVE A DES INFORMATIONS DE JEU**
[72] AMAITIS, LEE, US
[72] WILLIAMS, PAUL, US
[72] TARA, SUNNY, US
[71] CFPH, LLC, US
[22] 2011-08-12
[41] 2012-02-16
[62] 2,808,315
[30] US (61/373,435) 2010-08-13
[30] US (61/405,439) 2010-10-21
[30] US (61/413,089) 2010-11-12
[30] US (61/413,098) 2010-11-12
[30] US (13/070,893) 2011-03-24
[30] US (13/080,098) 2011-04-05

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[21] **3,010,967**
[13] A1
[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/116 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **BOX BY PIN PERFORATING GUN SYSTEM AND METHODS**
[54] **SYSTEME PERFORATEUR A FILETAGE FEMELLE-MALE ET PROCEDES ASSOCIES**
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[72] LANGFORD, DALE, US
[72] LEVINE, CHARLES, US
[72] PUNDOLE, FARAIDOON, US
[71] HUNTING TITAN, INC., US
[22] 2015-05-22
[41] 2015-11-26
[62] 2,933,756
[30] US (62/002,565) 2014-05-23
[30] US (62/002,559) 2014-05-23
[30] US (62/014,900) 2014-06-06
[30] US (62/015,014) 2014-06-06
[30] US (62/015,030) 2014-06-06
[30] US (62/020,090) 2014-07-02
[30] US (62/112,935) 2015-02-06
[30] US (62/131,324) 2015-03-11

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[21] **3,011,021**
[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **DOORSILL**
[54] **SEUIL DE PORTE**
[72] HEID, GEORGE, US
[72] JASKIEWICZ, TOMASZ, US
[72] MITCHELL, MICHAEL K., US
[72] PROCTON, BRUCE E., US
[72] SWANK, THOMAS C., US
[72] VAN CAMP, BRENT, US
[71] ENDURA PRODUCTS, INC., US
[22] 2016-09-21
[41] 2017-04-13
[62] 2,942,620
[30] US (14/881,623) 2015-10-13

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[21] **3,011,023**
[13] A1
[51] **Int.Cl. A61K 31/132 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **DOSAGE FORMS AND RELATED THERAPIES**
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[72] BAKER, JOHN RICHARD, NZ
[72] BEELEY, NIGEL ROBERT ARNOLD, US
[71] PHILERA NEW ZEALAND LIMITED, NZ
[22] 2003-08-20
[41] 2004-03-04
[62] 2,875,522
[30] NZ (520896) 2002-08-20
[30] NZ (520895) 2002-08-20
[30] NZ (520897) 2002-08-20
[30] NZ (524795) 2003-03-17
[30] NZ (524794) 2003-03-17
[30] NZ (524796) 2003-03-17

[21] **3,011,068**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
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[72] HIBNER, JOHN A., US
[72] HOGUE, KENNETH E., US
[72] SPEEG, TREVOR W. V., US
[71] DEVICOR MEDICAL PRODUCTS, INC., US
[22] 2007-12-13
[41] 2008-06-13
[62] 2,614,259
[30] US (60/874,792) 2006-12-13
[30] US (11/952,405) 2007-12-07

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[21] **3,011,108**
[13] A1
[51] **Int.Cl. G02B 23/26 (2006.01) A61B 34/20 (2016.01) A61B 18/20 (2006.01) G02B 26/08 (2006.01)**
[25] EN
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[72] PATEL, SNEHAL, US
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[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[22] 2010-09-14
[41] 2011-03-17
[62] 2,773,984
[30] US (61/242,202) 2009-09-14

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LIND, SOEREN OEMANN 2,722,391
LINGHAM, ANTHONY 2,507,519
LIPPUNER, HEINZ 2,807,265
LIU, DAKAI 2,930,017
LIU, HAO 2,934,764
LIU, JUN 2,736,865
LIU, WEIDONG 2,920,064
LIU, YI 2,845,424
LIU, YIJUN 2,973,311
LIU, ZHENGWEI 2,924,693
LIU, ZICHENG 2,908,447
LIVSHITZ, DANNY D. L. 2,984,779
LM WP PATENT HOLDING A/S 2,919,083
LO CASCIO, MAURO 2,967,868
LO, YING-CHENG 2,840,715
LOADTEST, INC. 2,799,611
LOCHSCHMIDT, JOERG 2,792,819
LOCKE, CHRISTOPHER BRIAN 2,800,993
LOCKLIN, JASON J. 2,797,709
LOFARMA S.P.A. 2,708,879
LOHRMANN, MICHAEL 2,965,557
LOOMIS, NICHOLAS THEODORE 2,809,998
LOPES PRETO DE ALMEIDA, ANA ARMINDA 2,858,741
LOTZ, JEFFREY C. 2,862,540
LOVEGROVE, JOHN 2,787,228
LOWE, THOMAS J. 2,845,033
LTS LOHMANN THERAPIE-SYSTEME AG 2,782,741
LU, CHUPING 2,807,711
LU, MINGFU 2,944,529
LU, PU-PING 2,796,637
LUCAS, PHILIPPE 2,804,467
LUIGI LAVAZZA S.P.A. 2,874,713
LUMENPULSE GROUP INC./GROUPE LUMENPULSE INC. 2,864,464
LUNDBERG, JORGEN 2,830,310
LUNSFORD, JEREMY CHARLES 2,961,994
LUZZARDI, ANDREA 2,779,366
LY, KIEV S. 2,778,484
LYNCH, DILLON SHANE 2,830,206
MAC VALVES, INC. 2,837,843
MACHIDA, KIYOHITO 2,926,503
MACLEAN, IAN 2,946,978
MADISON, EDWIN L. 2,721,038
MAGNA INTERNATIONAL INC. 2,752,968
MAHFOUZ, MOHAMED R. 2,900,264
MAIA, EDUARDO DE MELLO 2,830,206
MAKI, JUN 2,909,300
MALKOV, DMITRY 2,795,636
MANEA, MARILENA 2,675,340
MANNING, CHRIS 2,827,356
MARAZIN, MELANIE 2,804,395
MARCZYK, STANISLAW 2,749,444
MARI, CLAUDIO MARIA 2,849,307
MARINCIC, ANTON 2,929,406
MARINE CANADA ACQUISITION INC. 2,789,597
MARR, MICHAEL A. 2,967,868
MARR, MICHAEL A. 2,973,311
MARTIN, JEREMY GRANT 2,956,574
MARTIN, KIRT 2,799,938
MARTIN, KIRT 2,800,009
MARTIN, PIERRE 2,741,258
MARTIN, THOMAS SAMUEL 2,789,597
MARTORELL, IVAN A. 2,751,859
MARUO, TSUYOSHI 2,908,231
MASSACCESI, FRANCO 2,866,593
MATSUBARA, YASUO 2,907,350
MATSUR, IGOR YURIEVICH 2,841,627
MAVURAM, VISHNU 2,870,021
MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V. 2,703,837

MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,668,027
MAYER, STEFAN 2,922,226
MAZEEV, MAXIM 2,942,033
MAZUR, DOMINIK K. 2,885,880
MCBEATH, SEAN 2,753,725
MCBRIDE, WILLIAM J. 2,720,935
MCCLAIN, JAMES B. 2,805,631
MCCORMACK, MIKE 2,964,718
MCCORMICK, KEVIN L. 2,927,107
MCCRACKEN, ROBERT 2,765,846
MCCREA, DAVID G. 2,955,823
MCCREA, THOMAS E. 2,955,823
MCDANIEL, CATO R. 2,912,431
MCDERMOTT, GRAHAM 2,975,411
MCDOWELL, ANDREW F. 2,703,687
MCDOWELL, JAMES KERWIN 2,954,523
MCEACHERN, HEATHER 2,924,693
MCKEE, MATTHEW GARY 2,909,458
MCNALLY, JOHN T. 2,752,968
MCPEAK, THOMAS 2,890,191
MCPHEE, MICHAEL B. 2,885,789
MCPHEE, ROBERT MICHAEL 2,973,045
MD ADNAN, NURUL F. 2,880,586
MEADOWS, MARC W. 2,871,429
MEAGAN MEDICAL, INC. 2,797,078
MEDHERENT, LLC 2,906,161
MEDLOCK, JAMES 2,608,641
MEHRA, RAJESH K. 2,781,110
MEHTA, KRUNAL KANUBHAI 2,928,134
MEIJI SEIKA PHARMA CO., LTD. 2,744,286
MELANCON, BRADLEY A. 2,939,111
MELCHER, RYAN 2,843,774
MELOTTO, ELISA 2,866,593
MEPHAM, ROBERT 2,973,045
MERCER, LARRY 2,913,816
MERLIN, SIMONE 2,835,447
METZLER, BERNHARD 2,807,265
MEULEWAETER, FRANK 2,787,698
MEZGHANI, MOKHLES MUSTAPHA 2,903,451
MICELL TECHNOLOGIES, INC. 2,805,631
MICHIELETTO, IVAN 2,866,593
MICROSOFT TECHNOLOGY LICENSING, LLC 2,830,206
MICROSOFT TECHNOLOGY LICENSING, LLC 2,942,033
MICROTEC S.R.L. 2,695,338
MICROVENTION, INC. 2,835,430
MID-MOUNTAIN MATERIALS, INC. 2,831,960
MIDATECH LIMITED 2,807,271
MILANOVIC, ZVONKO 2,929,406
MILEVA, KATYA NIKOLOVA 2,874,491
MIMITSUKA, TAKASHI 2,738,981
MINEGISHI, SHINICHI 2,738,981
MINERVA BIOTECHNOLOGIES CORPORATION 2,428,732
MIRKIN, CHAD A. 2,691,066
MISTRELLO, GIOVANNI 2,708,879
MITANI, HIROYUKI 2,880,249
MITOLOGICS 2,725,220
MITSUBISHI CHEMICAL CORPORATION 2,767,211
MITSUI HIGH-TEC, INC. 2,940,213
MITSUYOSHI, SHUNJI 2,932,689
MIYAGI, TAKASHI 2,983,404
MIYAMURA, TAKEO 2,880,249
MIZAWA, TAKAHIDE 2,768,830
MOAL, TANGUY 2,779,366
MOERI, PETER 2,801,301
MOLLER, ARTHUR KENNETH 2,925,821
MONSANTO TECHNOLOGY LLC 2,736,865
MONSON, GAVIN M. 2,794,069
MONSTADT, HERMANN 2,829,799
MONTES PARRA, ROGER FELIPE 3,003,396
MONTGOMERY, JOHN K. 2,913,816
MOOK, DEAN 2,947,645
MOON, SOON WON 2,922,137
MOOSBRUGGER, ARNO 2,744,032
MORDEN, SEAN D. 2,845,033
MOREAU, REGIS 2,741,258
MORGAN, BRADLEY P. 2,796,637
MORIN, KRISTIAN 2,902,608
MORITA, KEN 2,738,981
MORPHO B.V. 2,783,002
MOTHERAM, RAJESHWAR 2,814,495
MOUGENOT, JEAN-MARC 2,828,082
MOULIN, JACKY 2,758,728
MOULINDUSTRIE 2,758,728
MOUNT SINAI SCHOOL OF MEDICINE 2,725,546
MOUS, JAN 2,807,271
MOWREY, EARLE R. 2,793,694
MUCI, ALEX R. 2,796,637
MULLER, MALTE 2,965,557
MULTER, THOMAS 2,863,034
MUNARI, ILARIA 2,866,593
MUNICH, MARIO E. 2,968,561
MURASHIMA, KOICHIRO 2,744,286
MURPHREE, ZACHARY R. 2,939,946
MURPHREE, ZACHARY R. 2,948,590
MUSHA, SHINICHI 2,946,263
MYERS, GARRY L. 2,807,271
NAGANUMA, YOSHIAKI 2,908,231
NAKAJIMA, TAKASHI 2,975,066
NANOMR, INC. 2,703,687
NAPOLI, JOHN F. 2,787,623
NATIONAL OILWELL VARCO DENMARK I/S 2,716,795
NATIONAL OILWELL VARCO NORWAY AS 2,799,104
NEAG, DORINEL 2,862,890
NEC CORPORATION 2,770,742
NEC CORPORATION 2,957,268
NEET, JOHN 2,805,631
NELSON, SCOTT GREGORY 2,900,307
NESS INVENTIONS, INC. 2,718,977
NESS, JEFFREY A. 2,718,977
NESS, JOHN T. 2,718,977
NESTEC S.A. 2,801,301
NETFLIX, INC. 2,832,557
NEUROTECH PHARMACEUTICALS CO., LTD. 2,757,466
NEWFREY LLC 2,791,700
NEWPARK MATS & INTEGRATED SERVICES LLC 2,954,523
NEWSAM, JOHN M. 2,828,086
NGUYEN, PHONG 2,957,268
NIBCO INC. 2,780,364
NICHOLS, DAVE 2,877,517
NICODEMO, JOHN MARK 2,935,281
NICOL, FRANCOIS 2,839,511
NIKE INNOVATE C.V. 2,767,657
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,891,182
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,909,300
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,983,404
NISHIDA, KATSUTOSHI 2,770,742
NISHIMOTO, TAKUMI 2,891,182
NISSAN MOTOR CO., LTD. 2,896,672
NISSAN MOTOR CO., LTD. 2,917,986
NISSAN MOTOR CO., LTD. 2,926,903
NISSAN MOTOR CO., LTD. 2,975,066
NISSEN, PER 2,807,091
NIU, QINGSHAN JASON 2,821,171
NOBLETT, PAUL 2,964,718
NOCCA, JEAN-LUC 2,738,541
NOGAMI, TOSHIZO 2,890,712
NORTH-WEST UNIVERSITY 2,781,014
NORTHROP GRUMMAN LITEF GMBH 2,954,680
NORTHWESTERN UNIVERSITY 2,691,066
NORVELL, MEGHAN 2,703,687
NOUI, HERVE 2,804,467
NOUI-MEHIDI, MOHAMED NABIL 2,918,968
NOVA CHEMICALS CORPORATION 2,758,126
NOVA CHEMICALS CORPORATION 2,775,294
NOVARTIS AG 2,753,814
NOVARTIS AG 2,792,938
NOVARTIS AG 2,825,359
NUNHEMS B.V. 2,895,665
NUVO PHARMACEUTICALS INC. 2,828,086
O'KEEFFE, ERIC 2,774,741
OBAIA, KHALED 2,922,137
OCHIAI, KIYOE 2,926,503
ODMARK, LEIF 2,830,310
ODOLCZYK, NORBERT 2,811,265
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,744,032
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,833,795

OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,833,796
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,916,784
OGAWA, TOMOHIRO 2,908,231
OHI, TAKU 2,765,846
OHMBERGER, RALF RICHARD 2,954,680
OHNO, KOHSUKE 2,943,789
OKAMOTO, HIROYUKI 2,832,884
OKAMOTO, HIROYUKI 2,839,833
OLESKE, PETER J. 2,918,327
OMYA INTERNATIONAL AG 2,918,421
ONELLO, TIMOTHY SCOTT 2,796,468
ORGAN RECOVERY SYSTEMS, INC. 2,554,872
ORTRONICS, INC. 2,816,167
OSRAM SYLVANIA INC. 2,925,975
OTO MELARA SPA 2,743,357
OTO MELARA SPA 2,743,486
OVAERT, PATRICIA 2,696,961
PADMANABHAN, GOPALKRISHNA 2,882,849
PAGANI, GIORGIO 2,849,307
PAHLA, OLIVER 2,863,034
PAITHANKAR, DILIP 2,870,474
PALLMANN MASCHINENFABRIK GMBH & CO. KG 2,933,068
PALLMANN, HARTMUT 2,933,068
PALMA, PEDRO NUNO LEAL 2,747,784
PALU', GIANNI 2,800,856
PALUMBO, PERRY 2,913,084
PAN, JIANFENG 2,792,938
PANCHALIANGAM, VAITHILINGAM 2,924,693
PANDELIDIS, IOANNIS 2,802,753
PAOLINI, DANIELE 2,804,181
PAREL, THOMAS 2,765,846
PARK, JINHYUNG 2,852,626
PARK, UI-JIN 2,757,466
PARKER, RONALD BRIAN 2,810,599
PASINETTI, GIULIO MARIA 2,725,546
PASTORIO, ANDREA 2,815,338
PATBERG, LOTHAR 2,922,226
PATEL, CHINKALBEN 2,824,947
PATEL, CHINKALBEN 2,824,949
PATEL, KANU MAGANBHAI 2,771,588
PAUL, HANNS-INGOLF 2,787,228
PAYVAR, REZA 2,929,406
PEMBERTON, GARETH ROSS 2,918,663
PENG, I. CHIEN 2,908,354
PENG, XIANFENG 2,936,707
PEROTTI, ALBERTO GIUSEPPE 2,944,066
PERRIER, MICHEL 2,849,307
PERRIN, VALERIE 2,690,730
PERRY, OLIVER ROSS 2,726,420
PERSSON, MATS 2,932,402
PETER MACCALLUM CANCER INSTITUTE 2,697,568
PETERSON, ELMER RICHARD 2,939,111
PETERSON, GORDON J. 2,881,802
PETRIE, DENNIS H. 2,913,816
PETROW, WILLIAM 2,735,422
PFEIFFER, STEVEN 2,925,137
PHENOX GMBH 2,829,799
PICKERING, LESLEY 2,507,519
PILON, BRENT 2,739,385
PIPPEL, DANIEL J. 2,778,484
PLANET PAYMENT, INC. 2,964,718
PLATEL, DAVID 2,785,880
PLATZER, JOSEF 2,616,069
PLEXXIKON, INC. 2,781,287
PLOGSTIES, JAN 2,918,855
PLUMPTRE, DAVID AUBREY 2,811,953
PLUMPTRE, DAVID AUBREY 2,813,116
POBER, KENNETH W. 2,912,431
POE, JONATHAN C. 2,897,608
POHL, JOCHEN 2,799,104
POLNIASZEK, RICHARD 2,925,137
POLYCORP LTD. 2,973,045
PONCZEC, JUSTIN 2,975,411
PONTOW, THOMAS 2,792,819
POPOV, YURI NIKOLAEVICH 2,831,960
POPOVIC, BRANISLAV 2,944,066
PORTER, JESSE C. 2,948,590
POSCO 2,930,013
POSSET, UWE 2,849,307
POTHIER, JULIEN 2,805,452
POYYARA, RAGI LOHIDAKSHAN 2,928,134
PPG INDUSTRIES OHIO, INC. 2,878,710
PRATT & WHITNEY CANADA CORP. 2,920,322
PRATT, RYAN 2,886,544
PREBIL, CHARLES RICHARD 2,851,940
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,778,816
PROPST, CECIL W. 2,871,429
PRZYBYLSKI, MICHAEL 2,675,340
PST CORPORATION, INC. 2,932,689
PULCIANI, RICHARD J., JR. 2,856,819
PULCIANI, RICHARD J., SR. 2,856,819
PULLEY, KEVIN 2,953,759
PURAC BIOCHEM BV 2,898,516
QBASE, LLC 2,932,402
QIAN, XIANGPING 2,796,637
QIANG, ZU QIANG 2,827,896
QIN, ZONGHUA 2,936,707
QIU, MEIDE 2,709,000
QUALCOMM INCORPORATED 2,835,447
QUALCOMM INCORPORATED 2,896,811
QUAN, ZHI 2,835,447
R. R. DONNELLEY & SONS COMPANY 2,953,759
RABBANI, ELAZAR 2,930,017
RACINE, PHILIPPE 2,864,464
RADA, GEORGENE 2,897,633
RADEMACHER, THOMAS 2,807,271
RAICH, BRENDA A. 2,780,121
RAMACHANDRAN, SUNDER 2,924,693
RANGANATHAN, SUMITA S. 2,927,107
RANNOU, ERIC 2,804,395
RASGAS COMPANY LIMITED 2,913,816
RASKA, RICHARD J. 2,789,130
RAUSCH, DAVID A. 2,922,202
RAYNER, CHRISTOPHER MARK 2,835,316
RBP ASSOCIATES LIMITED ET AL 2,810,599
RECK, MICHAEL E. 2,780,364
REDIGER, RICHARD A. 2,799,374
REEVES WIRELINE TECHNOLOGIES LIMITED 2,847,313
REICHOW, ALAN W. 2,767,657
REID, GREGORY S. 2,507,519
REIGHLEY, JOHN EVERETT 2,863,241
REJC, GABRIJEL 2,980,199
RENNARD, DAVID C. 2,973,311
RENTSCH, SAMUEL 2,918,421
REUL, BERNHARD 2,980,126
REYNOLDS, FREDERICK J. 2,768,403
REYNOLDS, GEOFFREY WILLIAM 2,909,458
RICHARD-BILDSTEIN, SYLVIA 2,805,452
RICHARDS, ANTHONY SIMON 2,740,265
RICHARDS, JEANETTE ANTHEA 2,936,629
RIES, JEFFREY R. 2,812,538
RILEY, YUSUN KIM 2,608,641
RINGO, TIMOTHY 2,507,519
RISCH, PHILIPPE 2,805,452
RITCHIE, PAUL 2,507,519
RITTLE, LOREN J. 2,963,387
RIVERS, GORDON T. 2,924,693
RIZZOLO, BARRY 2,935,281
ROADMAN, RONALD EUGENE 2,939,657
ROBERTSON, GEORGE BRAXTON 2,927,440
ROBERTSON, WALTER J. 2,878,710
ROBINSON, TIMOTHY MARK 2,800,993
ROCHE GLYCART AG 2,844,143
ROCKWELL COLLINS DEUTSCHLAND GMBH 2,994,590
RODGERS, JAMES D. 2,761,954
RODWAY, GILES HENRY 2,788,604
ROER, JOCHEN 2,872,956
ROGERS, RANDALL A. 2,845,033
ROHR, OLIVIER 2,754,655
ROIDL, ANDREAS 2,668,027
ROLANDO, GIOVANNI 2,742,467
ROMERO, ANTONIO 2,796,637
RONCAROLO, DANIELA 2,708,879
ROOD, DENNIS DEAN 2,925,473
ROSA, CARLA PATRICIA DA COSTA PEREIRA 2,747,784
ROSE, CHRISTOPHER M. 2,735,422
ROSE, PAUL MARTIN 2,835,316
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,865,947
ROTTA, DENIS 2,874,713
RUBERG, MIRIAM 2,784,242
RUBINSTEIN, VLADIMIR 2,794,794
RUDOLPH, DALE A. 2,778,484
RUFFO, RICCARDO 2,849,307
RUHM, KURT 2,833,795

RUHM, KURT 2,833,796
RUSH, ANDREW J. 2,740,265
SAFRAN AIRCRAFT ENGINES 3,003,396
SAINT-GOBAIN GLASS FRANCE S.A. 2,980,126
SAKAKIBARA, HIDEAKI 2,941,033
SALAMONE, MATTEO MARCO 2,849,307
SALATANDRE, EDGAR DAVIN 2,775,872
SALESFORCE.COM, INC. 2,801,087
SALOUR, AL 2,863,485
SALTHOUSE, MARK ANTHONY 2,802,914
SALVADOR, CHRISTOPHER J. 2,812,538
SAMPATH, HEMANTH 2,835,447
SAMSUNG ELECTRONICS CO., LTD. 2,898,154
SAMSUNG HEAVY IND. CO.,LTD 2,852,626
SAMUEL, ROBELLO 2,925,887
SAMUEL, ROBELLO 2,928,739
SANDERS, JONATHAN MICHAEL 2,832,557
SANDERS, PAUL E. 2,987,108
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,811,953
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,813,116
SARDO, ALBERTO 2,796,558
SARETTO, CESARE JOHN 2,830,206
SATCHIVI, NORBERT M. 2,789,856
SAUDI ARABIAN OIL COMPANY 2,903,451
SAUDI ARABIAN OIL COMPANY 2,918,968
SAVALL, BRAD M. 2,778,484
SAWADA, AKIRA 2,975,066
SAWAI, HIDEKI 2,738,981
SAWAI, KENJI 2,738,981
SCHAEDE, JOHANNES GEORG 2,782,997
SCHAEFER, WOLFGANG 2,844,143
SCHATKE, SILVIO 2,980,126
SCHEIN, DOUGLAS 2,554,872
SCHELP, CARSTEN 2,681,436
SCHENTAG, JEROME 2,868,362
SCHEXNAIDER, NEIL PATRICK 2,909,786
SCHIFF, RICHARD 2,714,708
SCHLAGE LOCK COMPANY LLC 2,896,448
SCHMIDT, PHILLIP S. 2,847,284
SCHMIDT, PHILLIP S. 2,847,429
SCHMITZER, PAUL R. 2,789,856
SCHNEIDER, LUCAS 2,890,191
SCHOBEL, ALEXANDER M. 2,807,271
SCHOEBEN, SPENCER 2,975,411
SCHOTTNER, GERHARD 2,849,307
SCHOUENBORG, JENS OLAF ROE 2,797,078
SCHULTZ, ROBERT W. 2,939,657
SCHULZ, JOHANNES 2,980,126
SCHUSSLER, OLIVIER 2,777,365
SCHWARTZ, CHRISTIAN 2,754,655
SCHWITZKY, VOLKMAR ROLF 2,782,997
SCOTT, ZACHARY 2,765,846
SCOULLAR, PAUL ANDREW BASIL 2,621,736
SCRIFFIGNANO, ANTHONY J. 2,935,281
SEATON, MURRAY 2,792,931
SEELEN A/S 2,807,091
SEFEROS, DWIGHT 2,691,066
SELA, GAL 2,927,381
SELBY, THOMAS PAUL 2,771,588
SENGUPTA, SHUBHASHIS 2,801,551
SENVION GMBH 2,932,802
SENVION SE 2,868,654
SENVION SE 2,889,104
SENVION SE 2,899,748
SERAC GROUP 2,939,849
SERKH, ALEXANDER 2,902,344
SETH, ALOK R. 2,973,311
SHAH, CHANDRAVADAN R. 2,778,484
SHAHGALDIAN, PATRICK 2,810,778
SHARP KABUSHIKI KAISHA 2,890,712
SHAW, BON F. 2,802,457
SHEA, CASEY 2,864,464
SHEARING, ELISE 2,507,519
SHEN, TONY 2,791,700
SHETTY, DINESH ANANDA 2,919,545
SHETTY, DINESH ANANDA 2,961,562
SHI, NIANSHAN 2,867,322
SHI, SONGYUAN 2,781,287
SHI, XIAOBIN 2,946,611
SHIBATA, YUKIHIRO 2,926,058
SHIEH, DAR-BIN 2,955,498
SHIMER, LAURIE 2,935,281
SHIN, YOUNG-IL 2,852,626
SHIRE HUMAN GENETIC THERAPIES, INC. 2,877,517
SHIREMAN, BROCK T. 2,778,484
SHOOK, V. BRIAN 2,744,583
SHORE, RONALD 2,946,978
SHROFF, GAUTAM 2,934,802
SIEFRING, VERNON W. 2,743,706
SIEGRIST, ROMAIN 2,805,452
SIEMENS AKTIENGESELLSCHAFT 2,722,391
SIEMENS AKTIENGESELLSCHAFT 2,953,407
SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH 2,681,436
SIEMENS INDUSTRY, INC. 2,826,091
SIEMENS S.A.S. 2,831,631
SIGMA-ALDRICH CO. LLC 2,795,636
SILLERUD, LAUREL 2,703,687
SILVA, CHRIS 2,902,110
SIMPSON STRONG-TIE COMPANY, INC. 2,794,200
SINGH, JAGAT 2,828,086
SINGI, KAPIL 2,801,551
SITKA, MARK A. 2,930,181
SKEA, THEUNS FICHARDT 2,925,821
SKRINER, KARL 2,703,837
SMEETS, FLORIAN 2,881,933
SMITH, ADRIAN EASTLAND 2,917,398
SMITH, BRENTON TODD 2,771,588
SMITH, LAWRENCE J. 2,707,276
SNECMA 2,827,083
SNIBBE, SCOTT 2,975,411
SOARES DA SILVA, PATRICIO MANUEL VIEIRA ARAUJO 2,747,784
SOBOLEWSKI, ZBIGNIEW 2,930,181
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CENTRE DE RECHERCHES METALLURGIQUES ASBL - CENTRUM VOOR RESEARCH IN DE METALLURGIE VZW 3,011,266
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,011,160
CENTREXION THERAPEUTICS CORPORATION 3,011,647
CENTURYLINK INTELLECTUAL PROPERTY LLC 3,011,085
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CERQUETELLA, MATTEO 3,011,156
CETTI, JONATHAN ROBERT 3,010,705
CHACON, RYAN EDWARD 3,011,579
CHAI, JIANYU 3,011,265
CHAKRAVARTHY, SUMANTH 3,011,443
CHALONS-COTTAVOZ, MARIE 3,011,097
CHANDA, SWAROOP 3,011,696
CHANG, CHIEN-HSING 3,011,372
CHAO, MARK P. 3,011,429
CHAO, TIEN-CHIEH 3,011,232
CHAO, TIEN-CHIEH 3,011,362
CHAPMAN, KEVIN T. 3,011,087
CHAPPIE, THOMAS ALLEN 3,011,201
CHARALAMBOUS, GEORGE 3,011,622
CHASSER, ANTHONY 3,011,278
CHASSER, ANTHONY 3,011,325
CHASSER, ANTHONY M. 3,011,232
CHASSER, ANTHONY M. 3,011,362
CHATTERJI, JITEN 3,011,218
CHAU, TOM 3,011,080
CHE, WENJIE 3,011,279
CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR 3,011,741
CHEMOCENTRYX, INC. 3,011,639
CHEN, JUNLI 3,011,650
CHEN, LI-RAY 3,011,235
CHEN, PENG 3,011,094
CHEN, WANSHI 3,011,383
CHEN, XI 3,011,639
CHENG, MARCO 3,011,076
CHENVAINU, ALEXANDER 3,011,443
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CHENVAINU, ALEXANDER 3,011,446
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CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD. 3,010,654
CHINCHOLI, AMITH VIKRAM 3,011,194
CHINTALAPATI, SRINIVASACHARY 3,011,662
CHINTAREDDY, VENKAT R. 3,011,549
CHITTOOR, JAISHREE 3,011,427
CHORINE, NICOLAS 3,011,001
CHORINE, NICOLAS 3,011,084
CHOW, CHRISTINA 3,010,726
CHR. HANSEN A/S 3,011,643
CHRIST, ANDREAS 3,011,205
CHUNN, AUSTIN 3,011,570
CHUNN, AUSTIN 3,011,573
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CLARK, DONALD C. 3,011,159
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CLAYPOLE, ANDREW 3,011,541
CLIFFEN, JONATHAN M. 3,011,250
COENRAETS, BENOIT 3,011,412
COFFIN, ROBERT 3,010,987
COFFIN, ROBERT 3,011,004
COHEN, AMIR 3,011,327
COHN, WILLIAM E. 3,011,238
COHN, WILLIAM E. 3,011,240
COHN, WILLIAM E. 3,011,253
COLATRUGLIO, MATTHEW LUCIUS 3,011,354
COLE, JOSHUA S. 3,011,091
COLE, MATTHEW S. 3,011,706
COLE, STEVEN C. 3,011,091
COLINES S.P.A. 3,011,646
COLINES S.P.A. 3,011,648
COLOMBO, ARTURO 3,011,574
COLPHARMA S.R.L. 3,011,574
COMPASS THERAPEUTICS LLC 3,011,535
CONDORELLI, GIANLUIGI 3,011,179
COOKSON, DAVID EDWARD 3,011,185
CORCEPT THERAPEUTICS, INC. 3,011,728
CORN, STEWART H. 3,011,706
CORNELLCOOKSON, LLC 3,011,387
CORNING OPTICAL COMMUNICATIONS LLC 3,011,222
COURT, CHARLES 3,011,033
COVIDIEN LP 3,011,262
COWAN, CHRISTINE 3,011,451
COWAN, DOUGLAS B. 3,011,472
CRAWFORD, MICHAEL JOHN 3,011,521
CRAYOLA, LLC 3,011,256
CRAYOLA, LLC 3,011,370
CREATIVE BIOSCIENCES (GUANGZHOU) CO., LTD. 3,010,143
CREGGER, TRICIA 3,011,336
CRIVELLIN, FEDERICO 3,011,248
CROCKETT, PAUL 3,011,338
CROCKETT, RONALD 3,011,347
CROWELL, CHERYL LYNN 3,011,617
CROWN EQUIPMENT CORPORATION 3,011,378
CRUTCHER, TERRY 3,011,107
CUMPELIK, PAVEL 3,011,001
CUMPELIK, PAVEL 3,011,084
CZAPKA, RICHARD ANTHONY 3,011,086
DAIFUKU CO., LTD. 3,011,214
DAIFUKU CO., LTD. 3,011,216
DALDOSS, LIDIA 3,011,290
DAMBACHER, COREY M. 3,011,635
DANA-FARBER CANCER INSTITUTE, INC. 3,011,106
DANIEL, THOMAS A. 3,011,045
DANIELL, HEATHER 3,011,165
DANIELSSON, ERIK 3,011,245
DANSREAU, PAUL 3,011,446
DAR, AMIT 3,011,327
DARBY, DAVID GORDON 3,011,622
DAS, SWADESH K. 3,010,786
DASSAU, EYAL 3,011,231
DAUM, KARLHEINZ 3,011,069
DAVIAU, TIM 3,011,272
DAVIDSON, PETER L. 3,011,526
DAVIS, SARAH J. 3,011,700
DE BUCK, STEFAN 3,011,205
DE JONG, MICHAEL 3,011,222
DE LA RUE INTERNATIONAL LIMITED 3,010,969
DE LA RUE INTERNATIONAL LIMITED 3,010,996
DE MALSCHE, KATRIEN 3,011,618
DE ROSA, MARIO 3,011,062
DE ROSA, MARIO 3,011,077
DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, MINISTERIE VAN VOLKSGEZONDHEID, WELZIJN EN SPORT 3,011,282
DE VRIES, JOHANNES JEICHIENUS 3,011,491
DEAKIN UNIVERSITY 3,011,603
DECATO, ALFRED A. 3,011,255
DECKWER, ROLAND 3,011,264
DEGANELLO, DAVIDE 3,011,541
DEGEYTER, RAF GUSTAAF ALFONS 3,011,618
DEL NIDO, PEDRO J. 3,011,472
DELEBARRE, MARIE 3,011,053
DELMOTTE, MATTHIEU 3,011,380
DEMPSTER, IAN 3,011,094
DERELOV, PETER 3,011,561
DESAI, SHAHYAAN 3,011,576
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS 3,011,098
DEZAWA, MARI 3,011,333
DGM CREATIONS LLC 3,011,334
DIAGNOS TEAR, LTD. 3,011,353
DIAS FIGUEIREDO, MONICA 3,011,459
DICKSON, ROBERT STEPHEN 3,011,617
DIERAUER, PETER 3,011,544
DIETRICH, JENNIFER MICHELE 3,011,414
DIGHE, SHAILESH S. 3,011,702
DIHORA, JITEN ODHAVJI 3,010,705
DIMASI, NAZZARENO 3,011,734
DIMBYLOW, STEPHEN ROBERT 3,011,291
DING, JIANFU 3,010,642
DING, YUANPANG SAMUEL 3,011,511
DING, YUANPANG SAMUEL 3,011,514
DINH, CONG THANH 3,011,104

DINKLAGE FEED YARDS, INC. 3,011,625
DISH TECHNOLOGIES L.L.C. 3,010,970
DIVIGALPITIYA, RANJITH 3,011,250
DJURASEVICH, DANNY 3,011,338
DOAN, ANGELA ANH 3,011,702
DOAN, BICH-THUY 3,011,160
DOHENY, TED 3,011,464
DOOLEY, JULIAN 3,011,622
DORNER, DIRK 3,011,496
DORNER, DIRK 3,011,497
DOUCETTE-STAMM, LYNN 3,011,363
DOW AGROSCIENCES LLC 3,011,729
DOYLE, FRANCIS J., III 3,011,231
DR D'S TASTY TREATS LTD 3,011,165
DRAGOLI, DEAN R. 3,011,639
DRAUDINS, KRISTAPS 3,011,317
DREVON, NICOLAS 3,011,195
DRIVING MANAGEMENT SYSTEMS, INC. 3,011,369
DROZ, PIERRE-YVES 3,011,715
DUDAR, THOMAS EDWARD 3,011,514
DUDIK, JOHN M. 3,011,232
DUDIK, JOHN M. 3,011,362
DUDLEY, TIMOTHY A. 3,011,424
DUFF, GORDON W. 3,011,363
DUKES, SIMON P. 3,011,393
DULCY, NICOLAS 3,011,054
DURIS, TIBOR 3,011,161
DUTKIEWICZ, JACEK K. 3,011,355
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DUTTON, ROBERT E. 3,011,242
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DYKSTRA, ROBERT RICHARD 3,011,431
DYSON TECHNOLOGY LIMITED 3,011,291
DYSON TECHNOLOGY LIMITED 3,011,303
E I DU PONT DE NEMOURS AND COMPANY 3,010,635
E-VISION SMART OPTICS, INC. 3,011,531
E.V. OFFSHORE LIMITED 3,011,676
EADS, BRIAN DONOVAN 3,011,521
EBERHARD KARLS UNIVERSITAT TUBINGEN 3,011,098
EBERTOWSKI, ALEXANDER T. 3,011,430
EBERTOWSKI, ALEXANDER T. 3,011,441
EBERTOWSKI, ALEXANDER T. 3,011,448
EBNER, THOMAS 3,011,631
ECOLE NATIONALE SUPERIEURE DE CHIMIE DE PARIS 3,011,160
EDGEWELL PERSONAL CARE BRANDS, LLC 3,011,443
EDGEWELL PERSONAL CARE BRANDS, LLC 3,011,445
EDGEWELL PERSONAL CARE BRANDS, LLC 3,011,446
EDUCATIONAL FOUNDATION OF OSAKA MEDICAL AND PHARMACEUTICAL UNIVERSITY 3,011,434
EDWARDS, KRISTOPHER JAMES 3,011,526
EGAN, BRIAN 3,011,187
EIDEM, BROCK 3,011,641
EILAT, ERAN 3,011,353
EILON, TAL 3,011,328
EL-FATIMY, RACHID 3,011,458
EL-TOUFAILI, FAISSAL-ALI 3,011,605
ELECTRIC POWER RESEARCH INSTITUTE, INC. 3,011,453
ELLEFSON, DEAN C. 3,011,057
ELLIS, JESSICA LEA 2,999,994
ELVERSSON, JESSICA 3,011,565
ELVERSSON, JESSICA 3,011,619
EMANI, SITARAM M. 3,011,472
EMCURE PHARMACEUTICALS LIMITED 3,011,677
EMDAD, LUNI 3,010,786
EMMEALLAENNE S.R.L. 3,011,319
EMMEALLAENNE S.R.L. 3,011,324
EMPL, GUNTER 3,011,064
EMPL, GUNTER 3,011,071
EMPL, GUNTER 3,011,078
EMPL, GUNTER 3,011,183
EMPL, GUNTER 3,011,191
ENGLUND, OVE 3,011,245
ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND 3,011,285
ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND 3,011,556
ENTERA BIO LTD. 3,011,654
ENTERA BIO LTD. 3,011,657
EPICENTRX, INC. 3,011,103
ERICKSON, STEPHEN 3,011,704
ERPELDING, BEN 3,011,094
ESIGHT CORP. 3,011,257
ESTELLE, TAYLOR 3,011,233
ESTRUCH, JUAN 3,011,215
ETHICON, INC. 3,011,408
ETORI, NARIAKI 3,011,209
ETTRUP, JENS 3,011,268
ETTRUP, JENS 3,011,271
EUROPEAN MOLECULAR BIOLOGY LABORATORY 3,011,349
EUROPEAN MOLECULAR BIOLOGY LABORATORY 3,011,490
EVANS, MARK 3,011,305
EVENSEN, OYSTEIN 3,011,181
EVOQUA WATER TECHNOLOGIES LLC 3,011,393
EXCISION BIOTHERAPEUTICS 3,011,270
EYFORD, BRETT 3,011,382
F. HOFFMAN-LA ROCHE AG 3,011,342
F. HOFFMANN-LA ROCHE AG 3,011,315
F. HOFFMANN-LA ROCHE AG 3,011,551
F. HOFFMANN-LA ROCHE AG 3,011,650
F. HOFFMANN-LA ROCHE AG 3,011,652
FAC-DABROWSKA, KAJA 3,011,663
FACTOR, STEPHEN A. 3,011,243
FAKOORIAN, SEYED ALI AKBAR 3,011,383
FAKTOR, OURIEL 3,011,353
FALB, DEAN 3,011,283
FALLOT, STEPHANIE 3,011,097
FAN, PINGCHEN 3,011,639
FANG, ZHENG 3,011,649
FANG, ZHIGANG ZAK 3,011,743
FARON PHARMACEUTICALS OY 3,011,609
FAST GLOBAL SOLUTIONS, INC 3,011,709
FAST, VERLYN KEITH 3,011,709
FDK CORPORATION 3,011,503
FELDMANN, ARNE NIKLAS 3,011,545
FELISARI, RICCARDO 3,011,499
FERCANA, GEORGE R., JR. 3,011,294
FERNANDEZ, JOSE ALONSO 3,011,252
FERNANDEZ, RAFAEL 3,011,386
FERRARA, MADDI 3,011,413
FIAZ, ASSIM 3,011,107
FILIPOWSKY, MARK 3,011,617
FILLIERES, ROMAIN 3,011,380
FISCHER, DANIEL 3,011,064
FISCHER, DANIEL 3,011,071
FISCHER, DANIEL 3,011,078
FISCHER, DANIEL 3,011,183
FISCHER, DANIEL 3,011,191
FISHER, ADAM B. 3,011,283
FISHER, PAUL 3,010,786
FLEITZ, FRED 3,011,668
FLORES-FIGUEROA, AARON 3,011,431
FLUOR TECHNOLOGIES CORPORATION 3,011,563
FLURRY POWDERS, LLC 3,011,185
FMC CORPORATION 3,011,361
FONG, BRIAN 3,011,355
FONG, BRIAN 3,011,367
FONSECA, GLEDISON 3,011,431
FONSECA, GLEDISON 3,011,605
FOO, KHON PU 3,011,629
FORBES, NICHOLAS ANDREW 3,011,420
FORMYCON AG 3,011,638
FORTH, KURT MITCHELL 3,011,709
FORTUNA, JAMES 3,011,640
FORTY SEVEN, INC. 3,011,097
FORUM US, INC. 3,011,090
FORUM US, INC. 3,011,570
FORUM US, INC. 3,011,573
FOX, GEORGE L. 3,011,087
FOX, MICHAEL 3,011,249
FRAGNER, WERNER 3,011,631
FRANCISKOVICH, PHILLIP P. 3,011,336
FRASER, SCOTT 3,011,247
FREDIANSYAH, RAYMON 3,011,491
FREED, WESLEY 3,011,570
FREED, WESLEY 3,011,573
FREEZIO AG 3,011,064

FREEZIO AG 3,011,071
FREEZIO AG 3,011,078
FREEZIO AG 3,011,183
FREEZIO AG 3,011,191
FREMONT, DAVED HENRY 3,011,374
FRESENIUS KABI DEUTSCHLAND GMBH 3,011,193
FREY, DETLEF 3,011,368
FRID, NOUREDDINE 3,011,269
FRIDLUND, MAGNUS 3,011,421
FRIDLUND, MAGNUS 3,011,591
FRIDLUND, MAGNUS 3,011,703
FRIES, LENNART 3,011,546
FRIES, LENNART 3,011,568
FRIGO, PAUL 3,011,187
FUJIMOTO, HIROKI 3,011,332
FUJINO, TETSUJI 3,011,220
FUJISAWA, AKITOSHI 3,010,999
FUJISAWA, AKITOSHI 3,011,681
FUKUDA, TAKAYUKI 3,010,999
FUKUDA, TAKAYUKI 3,011,681
FUKUMA, YUICHIRO 3,011,329
FUKUNAGA, SHINICHI 3,011,206
FUKUNAGA, SHINICHI 3,011,356
FULLER, JOHN 3,011,364
FUNK, TOM 3,011,085
FURTAW, MICHAEL D. 3,011,620
FUTABA INDUSTRIAL CO., LTD. 3,011,575
GAAL, PETER 3,011,383
GABATHULER, REINHARD 3,011,382
GALEN BIOTECHNOLOGIES, LLC 3,011,469
GALITZER, HILLEL 3,011,654
GALITZER, HILLEL 3,011,657
GANTLA, VIDYASAGAR 3,011,538
GAO, CHANGSHOU 3,011,734
GAO, YAN 3,011,104
GARDNER, JAMES P., JR. 3,011,598
GARMANN, GREGORY S. 3,011,378
GARRNET, DUNCAN 3,011,426
GARRONE, PIERRE 3,011,097
GAUDET, FRANCOIS 3,011,419
GE AVIATION SYSTEMS LLC 3,011,674
GE OIL & GAS COMPRESSION SYSTEMS, LLC 3,011,450
GEN-PROBE INCORPORATED 3,011,617
GENERAL ELECTRIC TECHNOLOGY GMBH 3,011,280
GENETEC INC. 3,010,645
GENG, WENJUN 3,010,654
GENZYME CORPORATION 3,011,459
GEOPROBER LTD. 3,011,247
GEORGI, DANIEL 3,006,742
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 3,011,355
GEORGIA-PACIFIC NONWOVENS LLC 3,011,367
GERARD, PIERRE 3,010,993
GERKE, TRAVIS 3,011,106
GERKENS, PASCAL 3,011,266
GESER, MARCEL 3,011,334
GEUS, HANS-GEORG 3,011,368
GHEORGHIU, VALENTIN ALEXANDRU 3,011,194
GHOSH, SHOMIR 3,011,528
GIESECKE+DEVRIENT MOBILE SECURITY GMBH 3,011,072
GIFFORD, JAMES 3,011,729
GIL, JOSE S. 3,011,704
GILL, AVINASH 3,011,455
GILL, GLEAM 3,010,644
GILLBERG, PER-GORAN 3,011,565
GILLBERG, PER-GORAN 3,011,619
GILLESPIE, BRAD 3,011,048
GIRIBONI DE MELLO, INDAUE IEDA 3,011,096
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 3,011,616
GLEASON, THOMAS G. 3,011,294
GLEBOCKA, AGNIESZKA 3,011,668
GLICK, GARY 3,011,528
GLOANEC, PHILIPPE 3,011,184
GLOBE FOOD EQUIPMENT COMPANY 3,011,544
GODFREY, TIMOTHY 3,011,453
GOLDBERG, DAVID HOWARD 3,011,428
GOLDENBERG, DAVID M. 3,011,372
GOLOSHCHUK, VLADIMIR 3,011,735
GOMIBUCHI, SHOTA 3,011,501
GONG, GLEN 3,011,623
GOOD START GENETICS, INC. 3,011,029
GOOD START GENETICS, INC. 3,011,035
GOPAL, THANASEKARAN 3,010,991
GORE, ATHURVA 3,011,029
GORE, ATHURVA 3,011,035
GORGOSHIDZE, MAYA 3,011,444
GOTO, TAKUYA 3,011,666
GOTTARDI, DAVIDE 3,011,083
GRAF, MARKUS 3,011,315
GRANGE, DAVID 3,011,498
GREE-SEE TECHNOLOGY, LLC 3,011,479
GREEN, ORI 3,011,328
GRELLA, PHILIP 3,011,447
GRESTENBERGER, GEORG 3,011,281
GRESTENBERGER, GEORG 3,011,400
GRESTENBERGER, GEORG 3,011,409
GRGAC, STEVEN 3,011,447
GROHS, ALEXANDER 3,011,055
GROOT, THOMAS VOLKERT MARIE 3,011,506
GRUBER, RUDOLF 3,011,086
GRUNENTHAL GMBH 3,011,175
GRUNENTHAL GMBH 3,011,176
GRUNENTHAL GMBH 3,011,177
GRUNENTHAL GMBH 3,011,180
GRUNENTHAL GMBH 3,011,182
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GUAN, DONGLIANG 3,011,391
GUAN, RADSTROM XIAO 3,011,087
GUEROUT, FABRICE M. 3,011,261
GUERRE, ROLAND 3,011,608
GUILLEMANT, MARILYNE 3,011,053
GULAS, MICHAL 3,011,539
GULLAPALLI, SRINIVAS 3,011,677
GULLICKS, SCOTT D. 3,011,425
GUNDE, TEA 3,011,500
GUNDE, TEA 3,011,502
GUNES, IBRAHIM S. 3,011,706
GURJAR, MUKUND KESHAV 3,011,677
GURKAN, UMUT 3,011,661
GUSTAFSSON, NILS OVE 3,011,565
GUSTAFSSON, NILS OVE 3,011,619
GUY, MICHEL 3,011,155
GYNESONICS, INC. 3,011,517
HAAP, WOLFGANG 3,011,652
HACIMUFTUOGLU, AHMET 3,011,423
HADDEN, JEFFREY SOL 3,011,188
HADLEY, PHILIP 3,011,188
HAISHAN, LI 3,011,529
HAJJI, PHILIPPE 3,010,993
HALLIBURTON ENERGY SERVICES, INC. 3,011,218
HALLIBURTON ENERGY SERVICES, INC. 3,011,239
HALLIBURTON ENERGY SERVICES, INC. 3,011,559
HAMADA, NARIYUKI 3,011,673
HAMAGUCHI, JUN 3,011,214
HAMAGUCHI, JUN 3,011,216
HAMILTON, ANTHONY 3,011,048
HAMMER, LUKE 3,011,451
HANANYA, NIR 3,011,328
HANDOK INC. 3,011,442
HANNA, RAMY 3,011,370
HANNON, MARWAN 3,011,369
HANSEN, GENEVIEVE 3,011,215
HANSON, PETER D. 3,011,647
HARADA, HIROKI 3,011,335
HARADA, SHOTA 3,011,681
HARBOE, HENRIK 3,011,268
HARBOE, HENRIK 3,011,271
HARBURG, DANIEL VINCENT 3,011,733
HARDING, THOMAS 3,010,978
HARDY, YVES 3,011,266
HARMAN, BENJAMIN 3,011,419
HARRIS SKEELE CORPORATION D/B/A SIMPLERLINKS 3,011,594
HARRIS, EMILY 3,011,364
HARRIS, NATHANIEL 3,010,985
HARRIS, SHEROD V. 3,011,594
HARRISES, CHRISTOPHER M. 3,011,644
HARTLEY, KEVIN WILLIAM 3,011,188
HARTMAN, NICHOLAS GERARD 3,011,414
HASHEM, SHERIN 3,011,731
HASHIMOTO, KOICHIRO 3,010,999
HATCHTECH GROUP B.V. 3,011,634
HAUGE PEDERSEN, STEVEN 3,011,075
HAYASHI, TAKASHI 3,011,624
HAYDALE GRAPHENE INDUSTRIES PLC 3,011,541
HEALTH CORPORATION OF GALILEE MEDICAL CENTER 3,011,211
HEARPS, SIMONE 3,011,622

HEGDAHL, ANNA M. 3,011,430
HEGDAHL, ANNA M. 3,011,435
HEGDAHL, ANNA M. 3,011,437
HEGDAHL, ANNA M. 3,011,441
HEGDAHL, ANNA M. 3,011,448
HEINE, MANUEL 3,011,546
HELLER, MARTIN 3,011,643
HENDERSON, DANIEL R. 3,010,974
HENDERSON, JACLYN LOUISE 3,011,201
HENDERSON, OMARI 3,011,096
HENKEL IP & HOLDING GMBH 3,011,255
HENKEL, GREGORY 3,011,538
HENRY, ANDREW R. 3,011,430
HENRY, ANDREW R. 3,011,441
HENRY, ANDREW R. 3,011,448
HENRY, ROBERT 3,011,370
HENSTOCK, DAVID 3,011,290
HEPPENSTALL, PAUL 3,011,490
HERMEY, ANDREAS 3,011,651
HERRERA, ROBERT LEE 3,011,450
HERZOG, JAMES 3,011,093
HEXELS, GERD 3,011,373
HEXONIA GMBH 3,011,373
HEXYOO SCIENTIFIC INC. 3,011,526
HEYDEL, CHRISTOPHE SEBASTIEN PAUL 3,011,558
HIETBRINK, ROELANT BOUDEWIJN 3,011,627
HIGASHINO, TSUNEYUKI 3,011,575
HIGH, DONALD 3,011,552
HIGH, DONALD R. 3,011,711
HIGHCHEM TECHNOLOGY CO., LTD 3,011,265
HIRAI, MAKOTO 3,011,666
HIRATA, TAKUYA 3,011,422
HIRUMA, JUN 3,011,212
HLOBILOVA, YVONA 3,011,188
HO, DORIS PO YI 3,011,429
HO, YING K. 3,011,370
HODGDON, TRAVIS KYLE 3,011,431
HODGETTS, KEVIN 3,011,465
HOEPER, JOHN H. 3,011,709
HOLDEN, MARTIN 3,011,305
HOLGERSON, PER 3,011,392
HOLLAND BLOORVIEW KIDS REHABILITATION HOSPITAL 3,011,080
HOLMES, MICHAEL W.R. 3,011,526
HONDA MOTOR CO., LTD. 3,011,501
HONKANEN, TAPIO 3,011,199
HOOGERBRUGGE, HANS 3,011,506
HOPKINS, BEN BARRETT 3,011,704
HORN, GAVIN BERNARD 3,011,345
HORST, FOLKERT 3,011,456
HOU, WEIXING 3,011,250
HOYING, DAVID JOHN 2,999,994
HRISTAKOS, ANASTASIOS 3,011,514
HU, ENCHENG 3,011,262
HU, HONGXING 3,011,349
HU, YI 3,011,169
HUANG, DAVID 3,011,725
HUANG, DONG 3,011,169
HUANG, JIANMING 3,011,188
HUANG, JINTAI 3,011,427
HUANG, XINWO 3,006,742
HUAWEI TECHNOLOGIES CO., LTD. 3,010,136
HUAWEI TECHNOLOGIES CO., LTD. 3,010,656
HUAWEI TECHNOLOGIES CO., LTD. 3,011,523
HUMAN IN MOTION ROBOTICS INC. 3,010,960
HUMANITAS MIRASOLE SPA 3,011,179
HUNDT, GREGORY ROBERT 3,011,218
HUNTER DOUGLAS INC. 3,011,272
HUNTER, MURRAY DAVID KIRBY 3,011,379
HUNTER, MURRAY DAVID KIRBY 3,011,381
HURDUC, LUCIAN 3,011,418
HUSQVARNA AB 3,011,366
HUSSAIN, ABDUL WAHAB 3,011,107
HUTTENHOWER, CURTIS 3,011,106
HWANG, HYUN SOOK 3,011,442
HYDRO-QUEBEC 3,011,626
IGUANE TECHNOLOGIES INC. 3,011,385
IGUS GMBH 3,011,651
IHI CORPORATION 3,011,220
IKEDA, TORU 3,011,337
ILLINOIS TOOL WORKS INC. 3,011,056
ILLINOIS TOOL WORKS INC. 3,011,154
ILMBERGER, NELE 3,011,208
IMAMURA, KIMIHIKO 3,011,624
IMERYS GRAPHITE & CARBON SWITZERLAND LTD. 3,011,539
IMMUNOMEDICS, INC. 3,011,372
IMRAN, MIR 3,011,507
INASAWA, YOSHIO 3,011,329
INATOMI, SHINICHIRO 3,011,698
INBASEKARAN, RAJESH 3,011,358
INCUBE LABS, LLC 3,011,507
INDIZEN OPTICAL TECHNOLOGIES OF AMERICA, LLC 3,011,252
INDUSTRIE ROLLI ALIMENTARI S.P.A. 3,011,223
INFUSION INNOVATIONS PTY LTD 3,011,338
INGINE, INC. 3,011,357
INGIOS GEOTECHNICS, INC. 3,011,557
INNATE TUMOR IMMUNITY, INC. 3,011,528
INNOGY SE 3,011,069
INOSE, KEITA 3,011,204
INOUBLI, RABER 3,010,993
INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE 3,011,227
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,011,160
INTELLIGENT ENERGY LIMITED 3,011,671
INTELPROP S.A. 3,011,509
INTERLEUKIN GENETICS, INC. 3,011,363
INTREXON ACTOBIOTICS N.V. 3,011,331
IOANNIDIS, NICHOLAS GEORGE 3,011,188
ION GEOPHYSICAL CORPORATION 3,011,424
ISABELLA, VINCENT M. 3,011,283
ISMARI, DYLAN 3,011,279
ISP INVESTMENTS LLC 3,011,107
ITO, MASAYA 3,011,434
ITO, YASUHIRO 3,011,213
JACKSON, ANABELL 3,011,740
JACOBS, MONDO 3,011,290
JAEKER, THILO-ALEXANDER 3,011,651
JAIMANGAL, MOHINDER 3,011,622
JAKOB, FLORIAN 3,011,175
JAKOB, FLORIAN 3,011,180
JALALI, NIMA 3,011,244
JALKANEN, MARKKU 3,011,609
JAND, INC. 3,011,428
JANI, HARISH 3,011,740
JANITZEK, CHRISTOPH MIKKEL 3,010,975
JANRAO, RAVINDRA ASHOK 3,011,677
JANSSEN BIOTECH, INC. 3,011,419
JAWAHARLAL NEHRU UNIVERSITY (JNU) 3,011,672
JAY-BRIOUDES, FLORENCE 3,011,340
JAY-BRIOUDES, FLORENCE 3,011,344
JAY-BRIOUDES, FLORENCE 3,011,352
JEFFERIES, WILFRED 3,011,382
JEMIELITY, JACEK 3,011,663
JERABEK, MICHAEL 3,011,281
JESSUP, HOWARD 3,011,261
JI, TINGFANG 3,011,345
JIANG, TAO 3,011,489
JIANG, TAO 3,011,602
JIANGSU HENGRUI MEDICINE CO., LTD. 3,011,525
JIANGSU HENGRUI MEDICINE CO., LTD. 3,011,527
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 3,011,489
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 3,011,602
JIN, SHUHUA 3,011,255
JINDAL FILMS AMERICAS LLC 3,011,153
JOHNS, BRIAN ALVIN 3,011,616
JOHNSTON, SIDNEY DANTUMA 3,011,553
JONES, DAVID ANDREW 3,011,379
JONES, DAVID ANDREW 3,011,381
JONES, FRANK 3,011,257
JONES, NIGEL 3,011,095
JONES, ROGER 3,011,528
JORDAHL, KRISTINA 3,011,106
JORDAN, TERRY 3,011,413
JORGENSEN, SIGURD 3,010,976

JOSEPH, STEPHEN C. P. 3,011,430
JOSEPH, STEPHEN C. P. 3,011,435
JOSEPH, STEPHEN C. P. 3,011,437
JOSEPH, STEPHEN C. P. 3,011,448
JOSEPH, STEPHEN C.P. 3,011,425
JOSEPH, STEPHEN C.P. 3,011,441
JOST, MATTHIAS 3,011,617
JOSTOCK, RUTH 3,011,175
JOSTOCK, RUTH 3,011,176
JOSTOCK, RUTH 3,011,177
JOSTOCK, RUTH 3,011,180
JOSTOCK, RUTH 3,011,182
JOY GLOBAL SURFACE MINING INC 3,011,464
JUNG, CHANG MIN 3,011,520
JUNG, GUNDRAM 3,011,098
JX NIPPON MINING & METALS CORPORATION 3,011,611
KABAGAMBE, BENJAMIN 3,011,232
KABAGAMBE, BENJAMIN 3,011,362
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 3,010,999
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 3,011,681
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 3,010,968
KACZUR, JERRY J. 3,011,375
KADAVY, DALE R. 3,011,365
KADMON PHARMACEUTICALS, LLC 3,011,685
KADUWELA, VIJITHA 3,011,358
KAEHLER, ADRIAN 3,011,637
KAEHLER, ADRIAN 3,011,644
KAHLEN, SUSANNE 3,011,281
KAHLEN, SUSANNE 3,011,400
KAHLEN, SUSANNE 3,011,409
KAINUMA, KATSUHIKO 3,011,575
KALANY, ROBERT M. 3,011,690
KALERGIS PARRA, ALEXIS MIKES 3,011,569
KALEYDE PHARMACEUTICALS AG 3,011,062
KALEYDE PHARMACEUTICALS AG 3,011,077
KALHAPURE, VIJAY KESHAV 3,011,677
KALIS, CHRISTOPH 3,011,205
KALLIKOURDIS, MARINOS 3,011,179
KALVANI IP HOLDINGS, LLC. 3,011,237
KALVANI, BIMAL A. 3,011,237
KAMIJO, TAKASHI 3,011,422
KANAPURAM, SEKHAR 3,011,082
KANEDA, KENTA 3,011,673
KANER, RICHARD B. 3,011,089
KANGPU BIOPHARMACEUTICALS, LTD 3,011,254
KANKAINEN, HANNU 3,011,168
KANO, TAKASHI 3,011,503
KARCZEWICZ, MARTA 3,011,388
KAROLIUSSEN, HILBERG INGE 3,011,417
KASEDA, YOSHIYUKI 3,011,224
KAUFMANN, HELMUT 3,011,631
KAVANAUGH, JACK 3,011,089
KAVI ASSOCIATES, LLC 3,011,358
KAWACHI, TAKESHI 3,011,224
KAZEMIZADEH, MOHAMMED R. 3,011,348
KAZEMIZADEH, MOHAMMED R. 3,011,350
KEENEY, FRANKLIN NELSON 3,011,729
KEILMAN, KENNETH 3,011,408
KEITH, BRIAN LEE 2,999,994
KELLER, A. KENT 3,011,343
KELLEY, CALEB 3,010,985
KELLUM, MATTHEW GRADY 3,011,702
KEMIRA OYJ 3,011,199
KERMER, CORNELIA 3,011,605
KERR, WILLIAM HENRY 3,011,291
KERR, WILLIAM HENRY 3,011,303
KETKAR, ANIRUDDHA 3,011,450
KEULEERS, ROBBY RENILDE FRANCOIS 3,011,615
KEULEERS, ROBBY RENILDE FRANCOIS 3,011,618
KEURIG GREEN MOUNTAIN, INC. 3,011,188
KHABASHESKU, VALERY N. 3,011,351
KHALADKAR, TUSHAR PANDURANG 3,011,677
KHALILI, KAMEL 3,011,270
KHAZOOM, CHARLES 3,011,385
KHOO, SENG YAU 3,011,226
KIM, DOOSEOP 3,011 442
KIM, DORAN 3,011,442
KIM, EILEEN 3,011,244
KIM, JUNG SU 3,011,167
KIM, SEUNGYONG 3,011,442
KISHIYAMA, YOSHIHISA 3,011,335
KITAMURA, KENJI 3,011,503
KJEMTRUP, SUSANNE 3,011,427
KJERSEM, GEIR LASSE 3,011,226
KLAPPROTH, HOLGER 3,011,642
KLEIN, MARCEL 3,011,496
KLEIN, MARCEL 3,011,497
KLESS, ACHIM 3,011,175
KLESS, ACHIM 3,011,176
KLESS, ACHIM 3,011,177
KLESS, ACHIM 3,011,180
KLESS, ACHIM 3,011,182
KLING, WILLIAM W. 3,011,454
KLISH, IAN 3,011,387
KLOMANN, SABINE 3,011,278
KLOX TECHNOLOGIES LIMITED 3,011,156
KLUG, RICHARD 3,011,725
KLUWE, WOLF PETER 3,011,222
KNOBLOCH, THOMAS 3,011,340
KNOBLOCH, THOMAS 3,011,344
KNOBLOCH, THOMAS 3,011,352
KNOPF, RYAN 3,011,733
KNUTH, JASON 3,011,464
KOCH, THOMAS 3,011,175
KOCH, THOMAS 3,011,176
KOCH, THOMAS 3,011,177
KOCH, THOMAS 3,011,180
KOCH, THOMAS 3,011,182
KOCH-GLITSCH, LP 3,011,088
KOENIGS, RENE MICHAEL 3,011,175
KOENIGS, RENE MICHAEL 3,011,176
KOENIGS, RENE MICHAEL 3,011,177
KOENIGS, RENE MICHAEL 3,011,180
KOENIGS, RENE MICHAEL 3,011,182
KOERBER, KARSTEN 3,011,604
KOGUT, IGOR 3,011,692
KOHNO, KAZUTERU 3,011,434
KOIDA, TAKASHI 3,011,698
KOLLER, CHRISTIAN 3,011,248
KONETZKI, INGO 3,011,176
KONETZKI, INGO 3,011,177
KONINKLIJKE PHILIPS N.V. 3,011,627
KOPP, JOHN 3,011,439
KOPPERT B.V. 3,011,506
KOPPITZ, MARCUS 3,011,189
KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES 3,011,167
KORMOS, BETHANY LYN 3,011,201
KORNMAN, KENNETH S. 3,011,363
KOTIAN, PRAVIN L. 3,011,549
KOTTE, TIRUPATHI 3,011,662
KOTULA, JONATHAN W. 3,011,283
KOWALSKA, JOANNA 3,011,663
KOZYUK, OLEG 3,011,246
KRAEMER, ALAN 3,011,628
KRALIC, RONALD 3,011,232
KRALIC, RONALD 3,011,362
KRAUSE, BERND 3,011,511
KRAUSE, BERND 3,011,514
KRAUSE, JENS 3,011,264
KREUGER, WOLFGANG 3,011,099
KREUGER, WOLFGANG 3,011,495
KRICHEVSKY, ANNA M. 3,011,458
KRING, OLE 3,011,643
KRISTIAN, JERRY 3,011,641
KRISTIANSEN, HENRIK 3,011,079
KROG, CARSTEN 3,011,200
KROSAKIHARIMA CORPORATION 3,011,206
KROSAKIHARIMA CORPORATION 3,011,356
KRUGER, MARC 3,011,064
KRUGER, MARC 3,011,071
KRUGER, MARC 3,011,078
KRUGER, MARC 3,011,183
KRUGER, MARC 3,011,191
KRUPNICK, ALEXANDER SASHA 3,011,374
KUBOTA, KEIICHI 3,011,345
KUDELA, PAVOL 3,011,003
KUHN, BERND 3,011,652
KUHNERT, SVEN 3,011,175
KUHNERT, SVEN 3,011,176
KUHNERT, SVEN 3,011,177
KUHNERT, SVEN 3,011,180
KUHNERT, SVEN 3,011,182
KULATHINGAL, JAYANARAYAN 3,011,677
KUMAGAI, TATSUYA 3,011,332

KUMAR, DEEPAK 3,011,456
KUMAR, PANKAJ 3,011,668
KURODA, SATOSHI 3,011,333
KURODA, TAKAHIRO 3,011,206
KURODA, TAKAHIRO 3,011,356
KURTIN, STEPHEN 3,011,263
KURTZ, CHRISTOPHER 3,011,325
KURTZ, CHRISTOPHER P. 3,011,232
KURTZ, CHRISTOPHER P. 3,011,362
KUSASHIMA, NAOKI 3,011,624
KUWAHARA, YUUICHI 3,011,337
KYOSTIO-MOORE, SIRKKA RM 3,011,459
L&P PROPERTY MANAGEMENT COMPANY 3,011,579
LA BEQUE, REGINE 3,011,615
LABORATORY CORPORATION OF AMERICA HOLDINGS 3,011,704
LABRECQUE, VINCENT 3,010,645
LADOUCEUR, RICHARD 3,011,259
LADWIG, JEFFERY MICHAEL 3,011,365
LAFRENIERE DI FRUSCIA, GIULIANO 3,011,410
LAFZI, FARROKH 3,011,423
LAGUNA SANZ, ALEJANDRO 3,011,231
LAHMAR, MEHDI 3,011,097
LAHUSEN, TYLER 3,011,529
LAI, BITAO 3,006,742
LAKKARAJU, PRASAD P. 3,011,375
LAMB, DONALD T. 3,011,620
LAMBERT, GHISLAIN 3,011,626
LAN, JIONG 3,011,169
LANDAIS, BRUNO 3,011,195
LANDMARK GRAPHIC CORPORATION 3,011,722
LANE RESEARCH 3,011,263
LANGEWALD, JUERGEN 3,011,604
LANZ, PATRICK 3,011,539
LARDIN, CLIFFORD A. 3,011,576
LARNICOL, MAIWENN 3,011,266
LATYPOV, RAMIL 3,011,082
LAVOIE, SAMUEL 3,011,626
LAWLER, MICHAEL 3,011,668
LAWSON, GREGORY MARK 3,011,579
LAZEAR, ERIC REED 3,011,374
LAZZATI, ALBERTO 3,011,326
LE MER, JOSEPH 3,011,196
LE, TIEN CANH 3,011,410
LE, TUAN A. 3,011,277
LEATHERMAN, CHRISTOPHER 3,011,445
LEDESMA LEDESMA, SAUL 3,011,674
LEE, GWI BIN 3,011,442
LEE, GWO-SHU MARY 3,011,106
LEE, HYUN SUK 3,011,167
LEE, JINHWA 3,011,442
LEE, WEN-CHERNG 3,011,254
LEFRANC, JULIEN 3,011,189
LEHMANN MADSEN, KRISTIAN 3,011,075
LEI, BOLIN 3,010,660
LEKKALA, RAMMOHAN REDDY 3,011,677
LELETI, MANMOHAN REDDY 3,011,639
LEMUS, JUAN CARLOS 3,011,095
LENG, LUHAO 2,965,403
LENGAUER, HANNES 3,011,323
LENIUS, SAMUEL, WILLIAM 3,011,715
LEPINE, MARIO 3,011,155
LES LABORATOIRES SERVIER 3,011,184
LESER, MARTIN 3,011,546
LESER, MARTIN 3,011,568
LESSING, JOSHUA AARON 3,011,733
LESTINI, FEDERICO 3,011,319
LESTINI, FEDERICO 3,011,324
LEVEL SLEEP LLC 3,011,567
LEVINE ROBERT A. 3,011,339
LEVITSKY, SIDNEY 3,011,472
LEYRER, REINHOLD JOSEPH 3,011,431
LEYVA, DANIEL, JR. 3,011,222
LI, CHONG 3,011,267
LI, JIAN 3,011,250
LI, JUNYI 3,011,267
LI, LI 3,011,702
LI, LIQIN 3,011,489
LI, LIQIN 3,011,602
LI, MEI 3,011,729
LI, NING 3,011,283
LI, SHU 3,010,136
LI, XIAOFAN 3,011,455
LI, YINGZHE 3,011,419
LI, YONGYE 3,011,265
LI, YUANMOU 3,010,136
LI, ZHAO 3,010,642
LI, ZHEN 3,011,668
LI-COR, INC. 3,011,620
LIAO, BAISONG 3,011,254
LIBBEY, ROSS 3,011,526
LICHTY, BRIAN 3,011,157
LIEDE, ARMANDS 3,011,317
LIENAU, PHILIP 3,011,189
LIFE SCIENCE INSTITUTE, INC 3,011,333
LIM, KWANG HENG 3,011,226
LIN, CHIEN-LIANG GLENN 3,011,465
LIN, HUI-LUNG 3,011,512
LINDBERG, NILS-OLOF 3,011,565
LINDBERG, NILS-OLOF 3,011,619
LINDGREN, SAM 3,011,205
LINSCOTT, RICHARD L. 3,011,158
LINSCOTT, RICHARD L. 3,011,159
LINZ, KLAUS 3,011,175
LINZ, KLAUS 3,011,176
LINZ, KLAUS 3,011,177
LINZ, KLAUS 3,011,180
LINZ, KLAUS 3,011,182
LIOU, JING-PING 3,011,289
LIOU, MEI-LING 3,011,529
LIU, HUI 3,011,630
LIU, HUI-HAI 3,006,742
LIU, KAI 3,011,527
LIU, YUN-RU 3,011,289
LIU, ZHENG 3,010,656
LIVINGSTONE, DAVID E. 3,011,250
LM WP PATENT HOLDING A/S 3,011,075
LO, YING-CHENG 3,011,511
LO, YING-CHENG 3,011,514
LOBITO, ADRIAN 3,011,248
LOMASK, JESSE 3,011,722
LONDEI, MARCO 3,011,547
LORET, CHRYSTEL 3,011,546
LORET, CHRYSTEL 3,011,568
LOSANGE, CHRISTOPHE 3,011,509
LOUPIS, NIKOLAOS 3,011,156
LOUSSOUARN, VINCENT 3,011,380
LOWE'S COMPANIES, INC. 3,011,599
LOWE, RANDALL D., JR. 3,011,087
LU, TI 3,011,162
LU, YUN 3,011,525
LUBITZ, WERNER 3,011,003
LUCKING, ULRICH 3,011,189
LUEBBERS, THOMAS 3,011,652
LUENSE, ROGER 3,011,096
LUI, REBECCA M. 3,011,639
LUKES, MATTHEW R. 3,011,690
LUNDMARK, DAVID C. 3,011,377
LUO, CHAO 3,010,656
LUO, JINQUAN 3,011,419
LUO, JUN 3,011,523
LUO, TAO 3,011,274
LUO, TAO 3,011,345
LUU, TIN 3,011,542
LUX, FRANCOIS 3,011,160
LV, QIANG 3,011,169
LYMAN, ARINNE 3,011,355
LYMAN, ARINNE 3,011,367
LYNCH, JAMES K. 3,011,188
LYSOWSKI, JOHN 3,011,346
MA, CHIXIANG 3,011,523
MAASTRICHT UNIVERSITY 3,011,074
MACDONALD, LYNN 3,011,359
MACDONALD, NEIL 3,011,443
MACDONALD, NEIL 3,011,446
MACHINANI, SUMAN 3,011,283
MACMILLAN, ROBERT L. 3,011,526
MADADI, AVINASH 3,011,579
MADDOCKS, IAN DAVID ALAN 3,011,426
MADSEN, AARON 3,011,347
MAGIC LEAP, INC. 3,011,377
MAGIC LEAP, INC. 3,011,637
MAGIC LEAP, INC. 3,011,644
MAGNA EXTERIORS INC. 3,011,447
MAHJOUB, NADIR 3,011,553
MAISANO, FEDERICO 3,011,248
MAIXNER, DAVID E. 3,011,348
MAJETI, RAVINDRA 3,011,429
MAJI, DEBNATH 3,011,661
MAJIMA, MASATOSHI 3,010,721
MAKSIMOW, MIKAEL 3,011,609
MALATHONG, VIENGKHAM 3,011,639
MALCOLM, THOMAS 3,011,270
MALEKA, KYRIAKI 3,011,280
MALENFANT, PATRICK 3,010,642
MARDIKIAN, ALBERT 3,011,564
MARDIKIAN, ALBERT 3,011,571
MARDIKIAN, ALBERT 3,011,621
MAREL A/S 3,011,079

MAREL SALMON A/S 3,011,200
MARIGOWDA, SHRESTA 3,011,725
MARINIER, CARL 3,011,418
MARK, GREGORY THOMAS 3,011,260
MARK, GREGORY THOMAS 3,011,286
MARKFORGED, INC. 3,011,260
MARKFORGED, INC. 3,011,286
MARKOTAN, THOMAS P. 3,011,440
MARSTEDT, PETER 3,011,245
MARTIN, DONALD 3,011,617
MARTIN, PETER G. 3,011,158
MARTIN, PETER G. 3,011,159
MARZORATI, MASSIMO 3,011,083
MASON, SAMUEL A. 3,011,393
MASONITE CORPORATION 3,011,454
MASSUCCI, JON 3,011,524
MASTERCARD INTERNATIONAL INCORPORATED 3,011,426
MASTERCARD INTERNATIONAL INCORPORATED 3,011,735
MATHEW, SUNIL I. 3,011,712
MATHIAS, RICHARD RHYS 3,011,296
MATRANGA, GERALD, A. 3,011,708
MATSUI, MARIKO 3,011,698
MATSUO, TSUTOMU 3,010,968
MATSUO, YOSHIHIDE 3,010,995
MATTERN, RALPH-HEIKO 3,011,623
MATTHYS, CLARK 3,011,094
MATTINGLY, TODD D. 3,011,711
MAUCH, STEVEN 3,011,617
MAYS, WESLEY M. 3,011,640
MCAFEE, ZACHARY JOHN 3,011,243
MCBRIDE, JOHN D., JR. 3,011,256
MCCORMACK, KENNETH 3,011,538
MCCRACKEN, MELISSA N. 3,011,429
MCCULLY, JAMES D. 3,011,472
MCDAID, RONAN 3,011,419
MCELROY, MARK A. 3,011,716
MCEWEN, JASON M. 3,011,087
MCFADDEN, SCOTT 3,011,190
MCGRAW, BENJAMIN, F., III 3,011,683
MCGUFFIN-NOLL, DOUGLAS 3,011,544
MCKENNA, KELLY MARIE 3,011,429
MCKINSTRY, DAVID JON 3,011,554
MCLELLAN, CHARLES P. 3,011,277
MCLEOD, CAMERON 3,011,188
MCNICHOLAS, DANIEL 3,011,475
MCWHIRTER, JOHN 3,011,359
MEDIMMUNE, LLC 3,011,734
MEDTRONIC HOLDING COMPANY SARL 3,011,717
MEHTA, ANISH 3,011,096
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,011,524
MENNECIER, PHILIPPE 3,011,184
MERIAL, INC. 3,011,459
MERTEN, CHRISTOPH A. 3,011,349
MESTER, DANA R. 3,011,253
METABOLIC TECHNOLOGIES, INC. 3,011,364
METENOU, SIMON 3,011,535
METER, TJITZE 3,011,634
METREX RESEARCH, LLC 3,011,740
MEYER, SEBASTIAN 3,011,500
MEYER, SEBASTIAN 3,011,502
MEZMERIZ INC. 3,011,576
MICHAEL, LACHLAN BRUCE 3,011,228
MICHELSEN, WAYNE D. 3,011,696
MICRO MOTION, INC. 3,011,242
MICROVASCULAR TISSUES, INC. 3,011,623
MIESSAU, JIM 3,011,460
MIGNET, NATHALIE 3,011,160
MIHAILA, VASILE 3,011,515
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TOMITA, SEIICHI 3,009,200
TRAYLOR, PETER D. 3,010,824
TRUDELL MEDICAL INTERNATIONAL 3,010,658
UNISENSOR SENSORSYSTEME GMBH 3,010,934
VAN CAMP, BRENT 3,011,021
W.L. GORE & ASSOCIATES, INC. 3,010,824
WALTERS, TOM 3,010,091
WHALEN, NATHAN TAYLOR 3,010,826
WHITCOMBE, DAVID 3,010,064
WILLBANKS, SCOTT ALAN 3,010,826
WILLIAMS, PAUL 3,010,962
ZGELA, DOMINIK 3,010,934
ZIMMERMAN, RANDY 3,010,366